Scientific Excellence • Resource Protection & Conservation • Benefits for Canadians
Excellence scientifique • Protection et conservation des ressources • Bénéfices aux Canadiens

Catch and Biological Data of Fish from Dauphin Lake, Manitoba, 1984-1989

J.A. Babaluk, L.K. Gould and J.F. Craig

Central and Arctic Region
Department of Fisheries and Oceans
Winnipeg, Manitoba R3T 2N6

1992

Canadian Data Report of
Fisheries and Aquatic Sciences
875

Fisheries and Oceans Pêches et Océans

Canada

Canadian Data Report of Fisheries and Aquatic Sciences

Data reports provide a medium for filing and archiving data compilations where little or no analysis is included. Such compilations commonly will have been prepared in support of other journal publications or reports. The subject matter of data reports reflects the broad interests and policies of the Department of Fisheries and Oceans, namely, fisheries and aquatic sciences.

Data reports are not intended for general distribution and the contents must not be referred to in other publications without prior written authorization from the issuing establishment. The correct citation appears above the abstract of each report. Data reports are abstracted in *Aquatic Sciences and Fisheries Abstracts* and indexed in the Department's annual index to scientific and technical publications.

Numbers 1–25 in this series were issued as Fisheries and Marine Service Data Records. Numbers 26–160 were issued as Department of Fisheries and the Environment, Fisheries and Marine Service Data Reports. The current series name was introduced with the publication of report number 161.

Data reports are produced regionally but are numbered nationally. Requests for individual reports will be filled by the issuing establishment listed on the front cover and title page. Out-of-stock reports will be supplied for a fee by commercial agents.

Rapport statistique canadien des sciences halieutiques et aquatiques

Les rapports statistiques servent à classer et à archiver les compilations de données pour lesquelles il y a peu ou point d'analyse. Ces compilations auront d'ordinaire été préparées à l'appui d'autres publications ou rapports. Les sujets des rapports statistiques reflètent la vaste gamme des intérêts et des politiques du ministère des Pêches et des Océans, c'est-à-dire les sciences halieutiques et aquatiques.

Les rapports statistiques ne sont pas destinés à une vaste distribution et leur contenu ne doit pas être mentionné dans une publication sans autorisation écrite préalable de l'établissement auteur. Le titre exact paraît au-dessus du résumé de chaque rapport. Les rapports statistiques sont résumés dans la revue *Résumés des sciences aquatiques et halieutiques*, et ils sont classés dans l'index annuel des publications scientifiques et techniques du Ministère.

Les numéros 1 à 25 de cette série ont été publiés à titre de relevés statistiques, Services des pêches et de la mer. Les numéros 26 à 160 ont été publiés à titre de rapports statistiques du Service des pêches et de la mer, ministère des Pêches et de l'Environnement. Le nom actuel de la série a été établi lors de la parution du numéro 161.

Les rapports statistiques sont produits à l'échelon régional, mais numérotés à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page du titre. Les rapports épuisés seront fournis contre rétribution par des agents commerciaux.

Canadian Data Report of

Fisheries and Aquatic Sciences 875

1992

CATCH AND BIOLOGICAL DATA OF FISH FROM DAUPHIN LAKE, MANITOBA, 1984-1989

by

J.A. Babaluk, L.K. Gould and J.F. Craig

Central and Arctic Region

Department of Fisheries and Oceans

Winnipeg, Manitoba R3T 2N6

This is the 73rd Data Report

from the Central and Arctic Region, Winnipeg

©Minister of Supply and Services Canada 1992

Cat. no. Fs 97-13/875E ISSN 0706-6465

Correct citation for this publication is:

Babaluk, J.A., L.K. Gould, and J.F. Craig. 1992. Catch and biological data of fish from Dauphin Lake, Manitoba, 1984-1989. Can. Data Rep. Fish. Aquat. Sci. 875: vi + 131 p.

92-06770/

TABLE OF CONTENTS

	Page
ABSTRACT/RÉSUMÉ	vi
INTRODUCTION	1
MATERIALS AND METHODS	1
Description of the study area	1
Experimental gill netting	1
Biological sampling	1
Data analysis	1
DATA PRESENTATION	2
ACKNOWLEDGMENTS	2
REFERENCES	2

LIST OF FIGURES

Figure		Page
1	Map of Dauphin Lake showing sampling areas	3

LIST OF TABLES

Table		Page
1	Dates and areas for collection of fish, by gill nets, from Dauphin Lake, Manitoba, 1984-1989	4
2	Fish species composition, from gill nets, of Dauphin Lake, 1984-1989	5
Length and weight data, by 10 mm fork length intervals, for walleye caught by gill nets in Dauphin Lake		
3	Summer, 1984	6
4	Fall, 1984	7
5	Spring, 1985	8
6	Summer, 1985	9
7	Fall, 1985	10
8	Spring, 1986	11
9	Summer, 1986	12
10	Fall, 1986	13
11	Spring, 1987	14
12	Summer, 1987	15
13	Fall, 1987	16
14	Fall, 1988	17
15	Fall, 1989	18
Length and weight data, by 10 mm fork length intervals, for northern pike caught by gill nets in Dauphin Lake		
16	Summer, 1984	19
17	Fall, 1984	20
18	Spring, 1985	22
19	Summer, 1985	23
20	Fall, 1985	24
21	Spring, 1986	25
22	Summer, 1986	26
23	Fall, 1986	27
24	Spring, 1987	28
25	Summer, 1987	29
26	Fall, 1987	30
27	Fall, 1988	31
28	Fall, 1989	32
Length and weight data, by 10 mm fork length intervals, for white sucker caught by gill nets in Dauphin Lake		
29	Summer, 1984	33
30	Fall, 1984	34
31	Spring, 1985	35
32	Summer, 1985	36
33	Fall, 1985	37
34	Spring, 1986	38
35	Summer, 1986	39
36	Fall, 1986	40
37	Spring, 1987	41
38	Summer, 1987	42
39	Fall, 1987	43
40	Fall, 1988	44
41	Fall, 1989	45
Length and weight data, by 10 mm fork length intervals, for shorthead redhorse caught by gill nets in Dauphin Lake		
42	Summer, 1984	46
43	Fall, 1984	47
44	Spring, 1985	47
45	Summer, 1985	48
46	Fall, 1985	49
47	Spring, 1986	50
48	Summer, 1986	51
49	Fall, 1986	52
50	Spring, 1987	53
51	Summer, 1987	54
52	Fall, 1987	55
53	Fall, 1988	56
54	Fall, 1989	57
Length and weight data, by 10 mm fork length intervals, for yellow perch caught by gill nets in Dauphin Lake		
55	Summer, 1984	58
56	Fall, 1984	59
57	Spring, 1985	60
58	Summer, 1985	61
59	Fall, 1985	62
60	Spring, 1986	63
61	Summer, 1986	64
62	Fall, 1986	65
63	Spring, 1987	66
64	Summer, 1987	67
65	Fall, 1987	68
66	Fall, 1988	69
67	Fall, 1989	70
Length and weight data, by 10 mm fork length intervals, for cisco caught by gill nets in Dauphin Lake		
68	Summer, 1984	71
69	Fall, 1984	72
70	Spring, 1985	73
71	Summer, 1985	74

Table		Page
72	Fall, 1985	75
73	Spring, 1986	76
74	Summer, 1986	77
75	Fall, 1986	78
76	Spring, 1987	79
77	Summer, 1987	80
78	Fall, 1987	81
79	Fall, 1988	82
80	Fall, 1989	83
Length and weight data, by age, for walleye caught by gill nets in Dauphin Lake		
81	Summer, 1984	84
82	Fall, 1984	84
83	Spring, 1985	85
84	Summer, 1985	85
85	Fall, 1985	86
86	Spring, 1986	86
87	Summer, 1986	86
88	Fall, 1986	87
89	Spring, 1987	87
90	Summer, 1987	88
91	Fall, 1987	88
92	Fall, 1988	89
93	Fall, 1989	89
Length and weight data, by age, for northern pike caught by gill nets in Dauphin Lake		
94	Summer, 1984	90
95	Fall, 1984	90
96	Spring, 1985	91
97	Summer, 1985	91
98	Fall, 1985	92
99	Spring, 1986	92
100	Summer, 1986	93
101	Fall, 1986	93
102	Spring, 1987	94
103	Summer, 1987	94
104	Fall, 1988	95
105	Fall, 1988	95
106	Fall, 1989	96
Length and weight data, by age, for white sucker caught by gill nets in Dauphin Lake		
107	Summer, 1984	96
108	Fall, 1984	97
109	Spring, 1985	97
110	Summer, 1985	98
111	Fall, 1985	98
112	Spring, 1986	99
113	Summer, 1986	100
114	Fall, 1986	101
115	Spring, 1987	102
116	Summer, 1987	103
117	Fall, 1987	104
118	Fall, 1988	105
119	Fall, 1989	106
Length and weight data, by age, for shorthead redhorse caught by gill nets in Dauphin Lake		
120	Summer, 1984	106
121	Fall, 1984	107
122	Spring, 1985	107
123	Summer, 1985	108
124	Fall, 1985	108
125	Spring, 1986	109
126	Summer, 1986	109
127	Fall, 1986	110
128	Spring, 1987	110
129	Summer, 1987	111
130	Fall, 1987	111
131	Fall, 1988	112
132	Fall, 1989	112
Length and weight data, by age, for yellow perch caught by gill nets in Dauphin Lake		
133	Summer, 1984	113
134	Fall, 1984	113
135	Spring, 1985	114
136	Summer, 1985	114
137	Fall, 1985	115
138	Spring, 1986	115
139	Summer, 1986	116
140	Fall, 1986	116
141	Spring, 1987	117
142	Summer, 1987	117
143	Fall, 1987	118
144	Fall, 1988	118
145	Fall, 1989	119
Length and weight data, by age, for cisco caught by gill nets in Dauphin Lake		
146	Summer, 1984	119
147	Fall, 1984	120
148	Spring, 1985	120
149	Summer, 1985	121
150	Fall, 1985	121
151	Spring, 1986	122
152	Summer, 1986	122
153	Fall, 1986	123
154	Spring, 1987	123
155	Summer, 1987	124
156	Fall, 1987	124
157	Fall, 1988	125
158	Fall, 1989	125
159	Length-weight relationships, $\log_{10}W=a+b(\log_{10}L)$, for walleye caught by gill nets in Dauphin Lake, 1984-1989	126
160	Length-weight relationships, $\log_{10}W=a+b(\log_{10}L)$, for northern pike caught by gill nets in Dauphin Lake, 1984-1989	127
161	Length-weight relationships, $\log_{10}W=a+b(\log_{10}L)$, for white sucker caught by gill nets in Dauphin Lake, 1984-1989	128
162	Length-weight relationships, $\log_{10}W=a+b(\log_{10}L)$, for shorthead redhorse caught by gill nets in Dauphin Lake, 1984-1989	129
163	Length-weight relationships,	

Table		Page
	$\log_{10}W=a+b(\log_{10}L)$, for yellow perch caught by gill nets in Dauphin Lake, 1984-1989	130
164	Length-weight relationships, $\log_{10}W=a+b(\log_{10}L)$, for cisco caught by gill nets in Dauphin Lake, 1984-1989	131

ABSTRACT

Babaluk, J.A., L.K. Gould, and J.F. Craig. 1992. Catch and biological data of fish from Dauphin Lake, Manitoba, 1984-1989. Can. Data Rep. Fish. Aquat. Sci. 875: vi + 131 p.

Selected characteristics of fish populations collected during an experimental gill netting program on Dauphin Lake, Manitoba during 1984-1989 are tabulated.

Key words: catch composition; cisco; Coregonus artedii; gill nets; northern pike; Esox lucius; shorthead redhorse; Moxostoma macrolepidotum; walleye; Stizostedion vitreum; white sucker; Catostomus commersoni; yellow perch; Perca flavescens.

RÉSUMÉ

Babaluk, J.A., L.K. Gould, and J.F. Craig. 1992. Catch and biological data of fish from Dauphin Lake, Manitoba, 1984-1989. Can. Data Rep. Fish. Aquat. Sci. 875: vi + 131 p.

On présente sous forme de tableaux les données sur des caractéristiques choisies de populations de poissons capturés au cours de programme de pêche expérimentale au filet maillant dans le lac Dauphin, Manitoba, durant les années 1984 à 1989.

Mots-clés: composition des prises; cisco de lac; Coregonus artedii; filets maillants; grand brochet; Esox lucius; suceur rouge; Moxostoma macrolepidotum; doré; Stizostedion vitreum; meunier noir; Catostomus commersoni; perchaude; Perca flavescens.

INTRODUCTION

In 1982, a cooperative fisheries rehabilitation research program was initiated on Dauphin Lake, Manitoba by the Canada Department of Fisheries and Oceans and the Manitoba Department of Natural Resources. The objective of the program was to develop and test new biological and hydrological techniques for the rehabilitation of fisheries in the freshwaters of Canada. Emphasis was on the rehabilitation of the walleye, Stizostedion vitreum (Mitchill), one of the most economically important freshwater fish species in Canada (Scott and Crossman 1973).

As part of the rehabilitation research program a study was initiated in 1984 to assess Dauphin Lake fish community structure and monitor changes within that community that may have occurred as a result of natural variation and/or management practices.

This report presents catch and biological data collected from the Dauphin Lake fish populations during the course of the rehabilitation research program.

MATERIALS AND METHODS

DESCRIPTION OF THE STUDY AREA

Dauphin Lake is a large prairie lake located in west central Manitoba (51°17'N, 99°48'W) (Fig. 1). The lake and its drainage basin have been described by a number of researchers (Stewart-Hay 1951; Manitoba Water Commission 1984; Cobb and Flannagan 1987; Babaluk and Friesen 1990).

EXPERIMENTAL GILL NETTING

A study describing the fish community in Dauphin Lake was conducted from 1984-1989. Data describing the population characteristics of the fish species; the distribution of the fish community in the lake and variations in these parameters within and between years were collected by gill nets.

Each gill net was 120 m long and 1.8 m deep and was composed of six equal length panels of 38, 64, 89, 102, 108 and 140 mm stretched, multi-filament nylon mesh. Fish were collected over a two week period during three seasons: spring (May-June), summer (July-August) and fall (September-October) (Table 1). Dauphin Lake was divided into 38 areas (Fig. 1). Fifteen gill net overnight sets (approximately 12 h each) were made per season in areas selected from random number tables (with replacement) (Table 1).

It has been reported that Dauphin lake has a diverse fish fauna consisting of 23 species (Szalai 1989). Scientific names of the 14 fish species caught by our gill nets from the lake are according to Scott and Crossman (1973). Major species included: walleye, Stizostedion vitreum (Mitchill); northern pike, Esox lucius Linnaeus; white sucker, Catostomus commersoni (Lacépède); shorthead redhorse, Moxostoma macrolepidotum (Lesueur); yellow perch, Perca flavescens (Mitchill) and cisco, Coregonus artedii Lesueur. Other species caught included: goldeye, Hiodon alosoides (Rafinesque); sauger, Stizostedion canadense (Smith); silver redhorse, Moxostoma anisurum (Rafinesque); carp, Cyprinus carpio Linnaeus; burbot, Lota lota (Linnaeus); quillback, Carpiodes cyprinus (Lesueur); trout-perch, Percopsis omiscomaycus (Walbaum) and emerald shiner, Notropis atherinoides Rafinesque.

BIOLOGICAL SAMPLING

All fish collected from gill nets were sorted by mesh size, identified to species, enumerated, measured (fork length to the nearest mm), weighed (nearest g) and sex was determined. Opercula were collected from walleye and yellow perch for age determinations as described by Campbell and Babaluk (1979) and Le Cren (1947), respectively. Northern pike ages were determined from cleithra as described by Babaluk and Craig (1990). Pectoral fin rays were collected from white sucker and shorthead redhorse and ages were determined as described by Chalanchuk (1984) and Harbicht (1990), respectively. Otoliths were utilized to age cisco (Aass 1972). Ages were determined for all fish, except cisco. For cisco, all fish caught in a given season were aged if $n \leq 300$. If $n > 300$, ages were determined for a representative sub-sample of 300 fish. The sub-samples were based on the length frequency distribution of the total cisco catch for that season.

DATA ANALYSIS

Data were analysed using a VAX 6 000-410 computer. The Statistical Analysis System (1990) was used to generate length, weight, sex and age summaries and to perform basic calculations and analyses.

Length-weight relationships were described by the following equation:

$$\text{Log}_{10}W = a + b(\log_{10} L)$$

where: W = weight in grams
L = fork length in millimeters
a = Y - intercept
b = slope of the regression line.

Relative condition factor (K) was calculated using the following formula:

$$K = \frac{W \times 10^5}{L^3}$$

where: W = weight in grams
L = fork length in millimeters.

DATA PRESENTATION

Fish species compositions based on gill net catches from Dauphin Lake for 1984-1989 are presented in Table 2. Length and weight data, by 10 mm fork length intervals, for major fish species from Dauphin Lake are presented in Tables 3-80. Length and weight data, by age, for these fish species are presented in Tables 81-158. Length-weight relationships for these fish species are presented in Tables 159-164.

Other data from these major fish species and data from minor fish species from Dauphin Lake can be obtained by contacting:

J. Babaluk
Fisheries Research Biologist
Department of Fisheries and Oceans
Freshwater Institute Science Laboratory
501 University Crescent
Winnipeg, Manitoba R3T 2N6
Canada

ACKNOWLEDGMENTS

The authors thank A. Bennett, K. Broughton, D. Chaput, L. Heuring, B. Joynt, P. Komonko, D. MacDonell, S. Main, K. Rowes, A. Szalai and R. Wastle for field assistance. G. Decterow assisted with preparing the manuscript.

REFERENCES

AASS, P. 1972. Age determination and year-class fluctuations of cisco Coregonus albula L. in the Mjosa hydroelectric reservoir. Inst. Freshw. Res. Drottningholm Rep. 52: 5-22.

BABALUK, J.A., and J.F. CRAIG. 1990. Tetracycline marking studies with pike, Esox lucius L. Aquacult. Fish. Manage. 21: 307-315.

BABALUK, J.A., and M.K. FRIESEN. 1990. Analyses of selected physical and chemical characteristics of Dauphin Lake, Manitoba. Can. Manuscr. Rep. Fish. Aquat. Sci. 2081: iv + 48 p.

CAMPBELL, J.S., and J.A. BABALUK. 1979. Age determination of walleye, Stizostedion vitreum vitreum (Mitchill), based on the examination of eight different structures. Can. Fish. Mar. Serv. Tech. Rep. 849: iv + 23 p.

CHALANCHUK, S.M. 1984. Aging a population of the white sucker, Catostomus commersoni, by the fin ray method. Can. Tech. Rep. Fish. Aquat. Sci. 1321: iv + 16 p.

COBB, D.G., and J.F. FLANNAGAN. 1987. Aquatic invertebrate survey of the Dauphin Lake, Manitoba drainage basin, 1982. Can. Data Rep. Fish. Aquat. Sci. 625: iv + 16 p.

HARBICHT, S.M. 1990. Ecology of the shorthead redhorse, Moxostoma macrolepidotum (Lesueur) 1817, in Dauphin Lake, Manitoba. M.Sc. thesis, University of Manitoba, Winnipeg, MB. 116 p.

LE CREN, E.D. 1947. The determination of the age and growth of the perch (Perca fluviatilis) from the opercular bone. J. Anim. Ecol. 16: 188-204.

MANITOBA WATER COMMISSION. 1984. Dauphin Lake regulation and siltation study. Manitoba Department of Natural Resources, Winnipeg.

SCOTT, W.B., and E.J. CROSSMAN. 1973 (1979). Freshwater fishes of Canada (revised printing). Bull. Fish. Res. Board Can. 184: 966 p.

STATISTICAL ANALYSIS SYSTEM INSTITUTE INCORPORATED. 1990. SAS user's guide: basics, 6th ed. Cary, NC, SAS Institute Inc. 1290 p.

STEWART-HAY, R.K. 1951. A biological survey of Lake Dauphin. Manitoba Department of Mines and Natural Resources, Winnipeg.

SZALAI, A.J. 1989. Factors affecting community structure, transmission and regulation of fish-parasites in Dauphin Lake, Manitoba. Ph.D. thesis, University of Manitoba, Winnipeg, MB. 297 p.

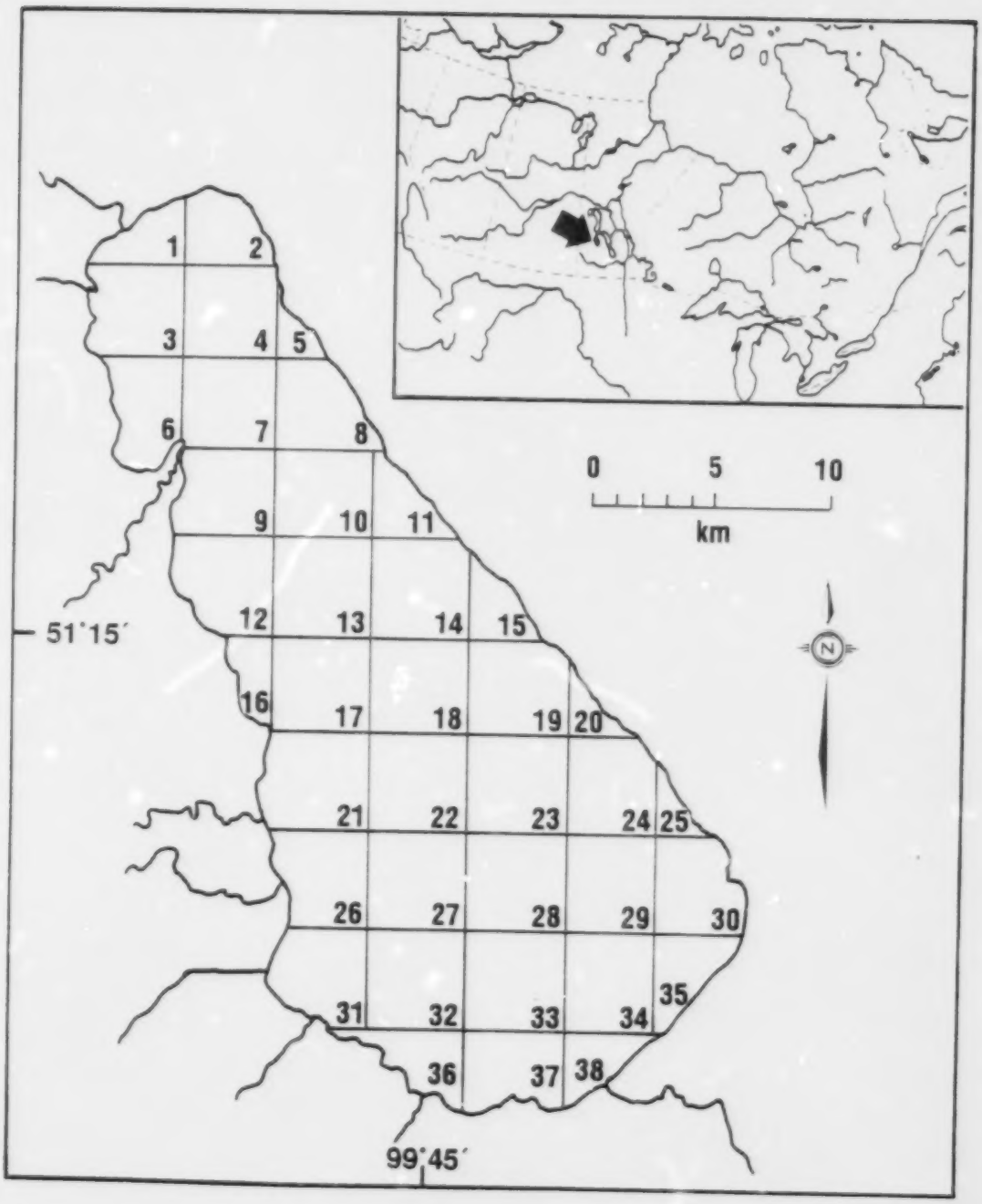

Fig. 1. Map of Dauphin Lake showing sampling areas.

Table 1 . Dates and areas for collection of fish, by gill nets, from Dauphin Lake, Manitoba, 1984-1989.

Year	Season	Dates	Areas
1984	Summer	9 July - 28 July	5,6,11,12,13,16,17,22,25,29,32,33,34,35,37
	Fall	24 September - 1 October	12,12,12,17,18,18,20,20,22,27,33,34,35,35,38
1985	Spring	27 May - 5 June	6,6,8,12,15,16,17,17,18,19,22,28,34,35,37
	Summer	22 July - 30 July	7,7,8,10,10,10,11,15,22,24,25,26,29,37,38
	Fall	23 September - 2 October	7,9,9,14,15,15,17,21,22,24,26,29,30,34,37
1986	Spring	26 May - 6 June	1,2,3,5,6,12,17,21,21,23,31,33,34,34,37
	Summer	21 July - 1 August	1,1,4,9,10,14,15,21,24,29,31,32,32,32,33
	Fall	22 September - 1 October	1,5,6,10,10,11,13,18,18,20,21,27,28,31,36
1987	Spring	25 May - 4 June	1,1,2,3,4,4,9,10,14,22,26,28,30,34,38
	Summer	20 July - 30 July	1,4,11,11,12,13,14,16,16,18,28,31,32,37,38
	Fall	21 September - 30 September	2,3,3,6,8,16,17,19,22,24,26,33,36,36,37
1988	Fall	26 September - 4 October	2,2,15,15,19,20,21,24,27,29,31,34,35,35,36
1989	Fall	10 September - 19 September	3,7,9,13,13,14,15,15,17,17,21,25,29,34,35

Table 2 . Fish species composition, from gill nets, of Dauphin Lake, 1984-1989.

Year	Walleye	Northern Pike	White Sucker	Shorthead Redhorse	Yellow Perch	Cisco	Other	Total
	n (%)	n (%)	n (%)	n (%)	n (%)	n (%)	n (%)	n (%)
1984	222 (6.2)	613 (17.2)	322 (9.0)	92 (2.6)	998 (28.0)	1288 (36.1)	35[a] (1.0)	3570 (100.0)
1985	252 (6.2)	952 (23.3)	340 (8.3)	287 (7.0)	1136 (27.8)	1001 (24.5)	124[b] (3.0)	4092 (100.0)
1986	422 (10.2)	560 (13.6)	670 (16.3)	329 (8.0)	1134 (27.5)	954 (23.2)	49[c] (1.2)	4118 (100.0)
1987	604 (11.1)	552 (10.1)	722 (13.3)	223 (4.1)	1333 (24.5)	1968 (36.1)	45[d] (0.8)	5447 (100.0)
1988	156 (7.4)	291 (13.9)	150 (7.2)	63 (3.0)	719 (34.3)	708 (33.7)	11[e] (0.5)	2098 (100.0)
1989	135 (7.4)	172 (9.5)	108 (6.0)	163 (9.0)	796 (43.9)	419 (23.1)	21[f] (1.2)	1814 (100.0)

[a] 4 Quillback, 29 Goldeye, 2 Trout-perch
[b] 15 Silver Redhorse, 30 Quillback, 4 Burbot, 62 Goldeye, 2 Carp, 1 Sauger, 9 Trout-perch, 1 Emerald Shiner
[c] 4 Silver Redhorse, 11 Quillback, 2 Burbot, 19 Goldeye, 2 Carp, 5 Trout-perch, 2 Emerald Shiner
[d] 2 Silver Redhorse, 18 Quillback, 1 Burbot, 12 Goldeye, 1 Carp, 2 Sauger, 8 Trout-perch, 1 Emerald Shiner
[e] 1 Quillback, 1 Burbot, 3 Carp, 1 Sauger, 5 Trout-perch
[f] 2 Silver Redhorse, 4 Quillback, 8 Carp, 7 Trout-perch

Table 3. Length and weight data, by 10mm fork length intervals, for walleye caught by gill nets in Dauphin Lake, summer, 1984.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
170	.	.	.	.	.	.	.	.	.	.	.	.	1	175	1	54	.	1.01
180	.	.	.	.	.	.	2	185	2	70	1	1.10	3	184	3	64	9	1.03
190	.	.	.	.	.	.	.	.	.	.	.	.	4	193	4	81	1	1.12
200	.	.	.	.	.	.	.	.	.	.	.	.	7	204	7	83	10	0.98
210	.	.	.	.	.	.	.	.	.	.	.	.	4	213	4	101	8	1.04
220	.	.	.	.	.	.	1	225	1	102	.	0.90	2	226	2	106	6	0.92
270	.	.	.	.	.	.	1	277	1	250	.	1.18	1	277	1	250	.	1.18
280	2	285	2	300	14	1.30	2	286	2	280	28	1.20	4	286	4	290	22	1.25
290	.	.	.	.	.	.	.	.	.	.	.	.	1	294	1	310	.	1.22
300	1	302	1	300	.	1.09	.	.	.	.	.	.	2	301	2	305	7	1.12
310	.	.	.	.	.	.	1	314	1	380	.	1.23	1	314	1	380	.	1.23
320	.	.	.	.	.	.	1	322	1	400	.	1.20	1	322	1	400	.	1.20
400	1	402	1	810	.	1.25	.	.	.	.	.	.	1	402	1	810	.	1.25
410	3	414	3	930	61	1.31	.	.	.	.	.	.	3	414	3	930	61	1.31
420	2	425	2	1005	92	1.31	1	426	1	1100	.	1.42	3	425	3	1037	85	1.35
430	12	435	12	1061	43	1.29	6	434	6	1085	66	1.32	18	435	18	1069	51	1.30
440	17	444	17	1098	74	1.25	5	447	5	1166	64	1.31	22	445	22	1113	76	1.26
450	11	453	11	1185	78	1.27	12	454	12	1224	51	1.31	23	454	23	1205	67	1.29
460	5	465	5	1312	97	1.31	19	465	19	1321	80	1.32	24	465	24	1319	82	1.31
470	2	473	2	1295	134	1.23	17	474	17	1361	92	1.28	19	474	19	1354	95	1.28
480	.	.	.	.	.	.	3	482	3	1480	44	1.32	3	482	3	1480	44	1.32
490	.	.	.	.	.	.	3	494	3	1590	72	1.32	3	494	3	1590	72	1.32
500	.	.	.	.	.	.	1	500	1	1680	.	1.34	1	500	1	1680	.	1.34
510	.	.	.	.	.	.	1	511	1	1700	.	1.27	1	511	1	1700	.	1.27
550	.	.	.	.	.	.	1	554	1	2470	.	1.45	1	554	1	2470	.	1.45
560	.	.	.	.	.	.	1	563	1	2585	.	1.45	1	563	1	2585	.	1.45
580	.	.	.	.	.	.	1	581	1	3060	.	1.56	1	581	1	3060	.	1.56
590	.	.	.	.	.	.	1	597	1	2770	.	1.30	1	597	1	2770	.	1.30
600	1	602	1	2800	.	1.28	.	.	.	.	.	.	1	602	1	2800	.	1.28
TOTAL/MEAN	57	438	57	1103	317	1.27	80	449	80	1271	491	1.30	157	415	157	1062	547	1.26

Table 4. Length and weight data, by 10mm fork length intervals, for walleye caught by gill nets in Dauphin Lake, fall, 1984.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
240	.	.	.	.	.	.	4	245	4	174	11	1.18	4	245	4	174	11	1.18
250	1	255	1	198	.	1.19	5	256	5	191	6	1.14	6	256	6	192	6	1.15
260	.	.	.	.	.	.	8	264	8	222	18	1.21	8	264	8	222	18	1.21
270	1	271	1	235	.	1.18	4	273	4	235	4	1.16	5	272	5	235	3	1.16
280	1	280	1	241	.	1.10	2	283	2	273	11	1.21	3	282	3	262	20	1.17
290	.	.	.	.	.	.	1	291	1	288	.	1.17	1	291	1	288	.	1.17
320	1	329	1	429	.	1.20	1	323	1	425	.	1.26	2	326	2	427	3	1.23
330	.	.	.	.	.	.	2	333	2	449	25	1.22	2	333	2	449	25	1.22
340	2	344	2	516	44	1.27	3	345	3	519	44	1.26	5	345	5	518	38	1.27
350	1	359	1	597	.	1.29	1	350	1	613	.	1.43	2	355	2	605	11	1.36
360	.	.	.	.	.	.	1	360	1	605	.	1.30	1	360	1	605	.	1.30
380	.	.	.	.	.	.	1	380	1	686	.	1.25	1	380	1	686	.	1.25
410	1	410	1	816	.	1.18	.	.	.	.	.	.	1	410	1	816	.	1.18
420	2	424	2	1078	100	1.41	.	.	.	.	.	.	2	424	2	1078	100	1.41
440	2	444	2	1236	93	1.42	.	.	.	.	.	.	2	444	2	1236	93	1.42
450	1	455	1	1210	.	1.28	.	.	.	.	.	.	1	455	1	1210	.	1.28
460	4	466	4	1447	95	1.43	.	.	.	.	.	.	4	466	4	1447	95	1.43
470	1	471	1	1475	.	1.41	3	475	3	1475	78	1.38	4	474	4	1475	64	1.39
480	2	482	2	1514	11	1.36	.	.	.	.	.	.	2	482	2	1514	11	1.36
490	.	.	.	.	.	.	6	494	6	1620	89	1.35	6	494	6	1620	89	1.35
500	.	.	.	.	.	.	1	509	1	1851	.	1.40	1	509	1	1851	.	1.40
510	.	.	.	.	.	.	1	511	1	1739	.	1.30	1	511	1	1739	.	1.30
TOTAL/MEAN	20	404	20	984	490	1.32	44	337	44	630	592	1.24	64	358	64	741	582	1.27

Table 5. Length and weight data, by 10mm fork length intervals, for walleye caught by gill nets in Dauphin Lake, spring, 1985.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
170	1	178	1	55	.	0.98	.	.	.	.	.	.	1	178	1	55	.	0.98
240	1	243	1	164	.	1.14	1	248	1	175	.	1.15	2	246	2	170	8	1.15
250	6	256	6	192	14	1.14	.	.	.	.	.	.	6	256	6	192	14	1.14
260	4	263	4	203	6	1.11	2	265	2	213	2	1.14	6	264	6	206	7	1.12
270	3	275	3	242	8	1.17	2	275	2	241	7	1.17	5	275	5	242	6	1.17
280	3	281	3	247	17	1.11	3	282	3	259	16	1.16	6	282	6	253	16	1.13
290	.	.	.	.	.	.	2	293	2	269	2	1.07	2	293	2	269	2	1.07
310	.	.	.	.	.	.	2	318	2	362	10	1.13	2	318	2	362	10	1.13
330	1	339	1	450	.	1.16	1	339	1	494	.	1.27	2	339	2	472	31	1.21
340	3	343	3	480	19	1.19	3	344	3	499	11	1.23	6	343	6	489	17	1.21
350	4	354	4	525	35	1.18	1	352	1	513	.	1.18	5	354	5	523	30	1.18
360	4	362	4	575	22	1.22	1	363	1	598	.	1.25	5	362	5	580	22	1.22
440	1	442	1	903	.	1.05	1	442	1	1262	.	1.46	2	442	2	1083	254	1.25
450	2	454	2	1086	1	1.16	1	451	1	1055	.	1.15	3	453	3	1076	18	1.16
460	.	.	.	.	.	.	2	465	2	1233	79	1.23	2	465	2	1233	79	1.23
470	2	473	2	1297	17	1.23	3	475	3	1321	34	1.23	5	474	5	1312	29	1.23
480	2	486	2	1306	63	1.14	5	486	5	1463	106	1.27	7	486	7	1418	118	1.24
490	.	.	.	.	.	.	3	495	3	1465	27	1.21	3	495	3	1465	27	1.21
500	.	.	.	.	.	.	3	504	3	1477	114	1.15	3	504	3	1477	114	1.15
510	.	.	.	.	.	.	2	518	2	1750	125	1.26	2	518	2	1750	125	1.26
530	.	.	.	.	.	.	1	535	1	1881	.	1.23	1	535	1	1881	.	1.23
TOTAL/MEAN	37	329	37	492	376	1.15	39	403	39	936	579	1.21	76	367	76	720	536	1.18

Table 6. Length and weight data, by 10mm fork length intervals, for walleye caught by gill nets in Dauphin Lake, summer, 1985.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
160	.	.	.	.	.	.	.	.	.	.	.	.	1	164	1	42	.	0.95
240	.	.	.	.	.	.	.	.	.	.	.	.	1	247	1	180	.	1.19
270	2	274	2	240	10	1.17	1	247	1	180	.	1.19	1	273	1	215	.	1.06
280	5	286	5	250	26	1.07	1	273	1	215	.	1.06	3	273	3	232	16	1.13
290	12	294	12	283	14	1.12	5	285	5	266	26	1.14	10	286	10	258	26	1.10
300	11	304	11	316	13	1.12	12	295	12	277	11	1.08	24	294	24	280	13	1.10
310	3	312	3	340	25	1.11	14	304	14	309	11	1.10	25	304	25	312	12	1.11
320	.	.	.	.	.	.	5	314	5	351	7	1.14	8	313	8	347	15	1.13
330	2	334	2	426	42	1.14	4	327	4	390	36	1.11	4	327	4	390	36	1.11
340	1	349	1	499	.	1.17	1	331	1	374	.	1.03	3	333	3	409	42	1.11
360	5	364	5	613	29	1.27	.	.	.	.	.	.	1	349	1	499	.	1.17
370	4	374	4	621	53	1.19	2	365	2	653	42	1.35	7	364	7	624	35	1.29
380	4	382	4	683	51	1.23	7	376	7	669	39	1.26	11	376	11	652	49	1.23
390	3	395	3	752	56	1.22	3	383	3	685	15	1.22	7	382	7	684	37	1.23
400	1	408	1	784	.	1.15	1	391	1	716	.	1.20	4	394	4	743	49	1.22
430	.	.	.	.	.	.	1	402	1	814	.	1.25	2	405	2	799	21	1.20
450	2	458	2	1105	146	1.15	1	430	1	913	.	1.15	1	430	1	913	.	1.15
460	1	463	1	1278	.	1.29	.	.	.	.	.	.	2	458	2	1105	146	1.15
470	3	475	3	1346	29	1.26	.	.	.	.	.	.	1	463	1	1278	.	1.29
480	3	487	3	1474	89	1.28	2	475	2	1346	21	1.26	5	475	5	1346	23	1.26
490	2	496	2	1450	6	1.19	1	483	1	1388	.	1.23	4	486	4	1453	84	1.26
500	.	.	.	.	.	.	3	495	3	1581	168	1.30	5	496	5	1528	139	1.26
510	1	514	1	1712	.	1.26	6	506	6	1613	81	1.25	6	506	6	1613	81	1.25
520	.	.	.	.	.	.	6	514	6	1676	125	1.23	7	514	7	1681	115	1.24
530	.	.	.	.	.	.	2	525	2	1760	218	1.22	2	525	2	1760	218	1.22
610	1	618	1	3064	.	1.30	1	535	1	1927	.	1.26	1	535	1	1927	.	1.26
							.	.	.	.	.	.	1	618	1	3064	.	1.30
TOTAL/MEAN	66	358	66	635	512	1.17	79	371	79	729	568	1.17	146	364	146	682	544	1.17

Table 7. Length and weight data, by 10mm fork length intervals, for walleye caught by gill nets in Dauphin Lake, fall, 1985.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
290	1	294	1	309	.	1.22	1	293	1	294	.	1.17	2	294	2	302	11	1.19
300	1	309	1	370	.	1.25	.	.	.	.	.	.	1	309	1	370	.	1.25
320	2	325	2	440	16	1.29	.	.	.	.	.	.	2	325	2	440	16	1.29
330	8	334	8	459	32	1.23	.	.	.	.	.	.	8	334	8	459	32	1.23
340	1	342	1	484	.	1.21	3	345	3	468	22	1.14	4	344	4	472	20	1.16
360	1	368	1	648	.	1.30	.	.	.	.	.	.	1	368	1	648	.	1.30
370	.	.	.	.	.	.	1	372	1	677	.	1.32	1	372	1	677	.	1.32
380	1	381	1	690	.	1.25	.	.	.	.	.	.	1	381	1	690	.	1.25
390	1	390	1	746	.	1.26	2	391	2	779	12	1.31	3	390	3	768	21	1.29
400	.	.	.	.	.	.	3	403	3	849	36	1.30	3	403	3	849	36	1.30
410	.	.	.	.	.	.	1	412	1	963	.	1.38	1	412	1	963	.	1.38
490	.	.	.	.	.	.	1	498	1	1760	.	1.43	1	498	1	1760	.	1.43
520	.	.	.	.	.	.	2	524	2	1949	101	1.35	2	524	2	1949	101	1.35
TOTAL/MEAN	16	338	16	488	115	1.24	14	403	14	936	551	1.28	30	368	30	697	441	1.26

Table 8. Length and weight data, by 10mm fork length intervals, for walleye caught by gill nets in Dauphin Lake, spring, 1986.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
290	1	297	1	268	.	1.02	1	295	1	294	.	1.15	2	296	2	281	18	1.08
300	1	303	1	281	.	1.01	1	300	1	297	.	1.10	2	302	2	289	11	1.06
310	1	314	1	354	.	1.14	2	318	2	346	1	1.08	3	316	3	348	5	1.10
320	6	324	6	375	22	1.10	4	325	4	376	38	1.10	10	324	10	375	28	1.10
330	7	333	7	412	37	1.12	8	335	8	420	7	1.12	15	334	15	416	25	1.12
340	5	345	5	451	16	1.10	8	344	8	456	26	1.12	13	345	13	454	22	1.11
350	2	353	2	481	22	1.10	3	354	3	509	38	1.15	5	353	5	498	33	1.13
360	.	.	.	.	.	.	1	368	1	602	.	1.21	1	368	1	602	.	1.21
370	2	374	2	650	59	1.24	.	.	.	.	.	.	2	374	2	650	59	1.24
380	2	381	2	652	55	1.18	3	385	3	714	25	1.25	5	383	5	689	47	1.22
390	.	.	.	.	.	.	4	396	4	719	16	1.16	4	396	4	719	16	1.16
400	1	403	1	750	.	1.15	5	404	5	809	70	1.22	6	404	6	799	67	1.21
410	1	413	1	810	.	1.15	2	414	2	877	8	1.24	3	414	3	854	39	1.21
420	1	427	1	874	.	1.12	.	.	.	.	.	.	1	427	1	874	.	1.12
460	1	468	1	1038	.	1.01	.	.	.	.	.	.	1	468	1	1038	.	1.01
490	1	490	1	1391	.	1.18	.	.	.	.	.	.	1	490	1	1391	.	1.18
500	.	.	.	.	.	.	2	502	2	1482	32	1.17	2	502	2	1482	32	1.17
520	.	.	.	.	.	.	1	520	1	1700	.	1.21	1	520	1	1700	.	1.21
530	.	.	.	.	.	.	3	532	3	1707	81	1.13	3	532	3	1707	81	1.13
590	.	.	.	.	.	.	1	598	1	2556	.	1.20	1	598	1	2556	.	1.20
TOTAL/MEAN	32	354	32	522	238	1.12	49	382	49	716	481	1.15	81	371	81	639	412	1.14

Table 9. Length and weight data, by 10mm fork length intervals, for walleye caught by gill nets in Dauphin Lake, summer, 1986.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
80	.	.	.	.	.	.	.	.	.	.	.	.	1	81	1	5	.	0.94
150	2	157	2	40	3	1.04	.	.	.	.	.	.	2	157	2	40	3	1.04
160	7	164	7	42	4	0.96	4	166	4	43	2	0.94	13	165	13	43	3	0.95
170	4	176	4	51	2	0.93	4	176	4	49	4	0.91	10	175	10	50	3	0.93
180	3	181	3	55	3	0.93	.	.	.	.	.	.	3	181	3	55	3	0.93
190	.	.	.	.	.	.	1	192	1	65	.	0.92	3	194	3	66	2	0.90
290	1	294	1	251	.	0.99	.	.	.	.	.	.	1	294	1	251	.	0.99
300	.	.	.	.	.	.	1	302	1	266	.	0.97	1	302	1	266	.	0.97
310	1	316	1	350	.	1.11	.	.	.	.	.	.	1	316	1	350	.	1.11
320	1	328	1	363	.	1.03	3	324	3	371	26	1.10	4	325	4	369	21	1.08
330	3	332	3	388	32	1.06	2	335	2	391	18	1.04	5	333	5	389	25	1.05
340	8	344	8	452	31	1.11	11	346	11	456	34	1.11	19	345	19	455	32	1.11
350	14	355	14	502	28	1.12	17	355	17	491	24	1.10	31	355	31	496	26	1.11
360	13	364	13	548	23	1.14	7	363	7	549	26	1.14	20	364	20	548	24	1.14
370	7	374	7	582	34	1.12	6	373	6	592	26	1.14	13	373	13	587	30	1.13
380	1	386	1	658	.	1.14	6	384	6	627	38	1.11	7	384	7	631	36	1.11
390	.	.	.	.	.	.	4	396	4	674	55	1.08	4	396	4	674	55	1.08
400	2	407	2	810	80	1.20	3	404	3	785	65	1.19	5	405	5	795	62	1.19
410	.	.	.	.	.	.	3	414	3	803	21	1.13	3	414	3	803	21	1.13
420	2	426	2	884	30	1.15	7	424	7	902	52	1.18	9	425	9	898	47	1.17
430	.	.	.	.	.	.	1	435	1	986	.	1.20	1	435	1	986	.	1.20
440	.	.	.	.	.	.	1	449	1	1042	.	1.15	1	449	1	1042	.	1.15
490	1	495	1	1532	.	1.26	.	.	.	.	.	.	1	495	1	1532	.	1.26
500	1	508	1	1621	.	1.24	1	508	1	1516	.	1.16	2	508	2	1569	74	1.20
510	2	513	2	1595	30	1.18	2	513	2	1506	105	1.12	4	513	4	1550	82	1.15
520	.	.	.	.	.	.	3	525	3	1724	80	1.19	3	525	3	1724	80	1.19
530	.	.	.	.	.	.	1	530	1	1847	.	1.24	1	530	1	1847	.	1.24
540	.	.	.	.	.	.	2	548	2	1862	112	1.13	2	548	2	1862	112	1.13
TOTAL/MEAN	73	326	73	481	349	1.09	90	367	90	646	420	1.10	170	341	170	551	403	1.09

Table 10. Length and weight data, by 10mm fork length intervals, for walleye caught by gill nets in Dauphin Lake, fall, 1986.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
180	1	189	1	64	.	0.95	.	.	.	.	.	.	1	189	1	64	.	0.95
200	.	.	.	.	.	.	2	206	2	88	14	1.00	2	206	2	88	14	1.00
210	3	213	3	104	10	1.07	.	.	.	.	.	.	3	213	3	104	10	1.07
220	1	220	1	106	.	1.00	1	225	1	126	.	1.11	2	223	2	116	14	1.05
280	1	288	1	257	.	1.08	.	.	.	.	.	.	1	288	1	257	.	1.08
300	.	.	.	.	.	.	1	302	1	310	.	1.13	1	302	1	310	.	1.13
350	1	354	1	490	.	1.10	6	356	6	578	100	1.28	7	355	7	565	97	1.26
360	3	364	3	598	8	1.24	1	369	1	630	.	1.25	4	365	4	606	17	1.25
370	17	375	17	644	41	1.22	6	373	6	632	34	1.22	23	375	23	641	39	1.22
380	21	384	21	694	45	1.22	20	383	20	679	25	1.20	41	384	41	687	37	1.21
390	12	395	12	765	47	1.24	10	393	10	736	60	1.21	22	394	22	752	54	1.23
400	11	403	11	802	43	1.23	11	403	11	788	52	1.20	22	403	22	795	47	1.22
410	2	416	2	934	43	1.30	3	413	3	821	69	1.16	5	414	5	866	82	1.22
420	6	424	6	1012	52	1.32	.	.	.	.	.	.	6	424	6	1012	52	1.32
430	2	436	2	988	21	1.19	3	436	3	1064	35	1.28	5	436	5	1034	50	1.25
440	1	442	1	1138	.	1.32	3	443	3	1097	91	1.26	4	443	4	1108	77	1.28
450	1	459	1	1276	.	1.32	.	.	.	.	.	.	1	459	1	1276	.	1.32
460	1	463	1	1139	.	1.15	.	.	.	.	.	.	1	463	1	1139	.	1.15
480	2	483	2	1526	35	1.36	.	.	.	.	.	.	2	483	2	1526	35	1.36
490	1	498	1	1574	.	1.27	1	497	1	1922	.	1.57	2	498	2	1748	246	1.42
500	4	503	4	1556	103	1.22	.	.	.	.	.	.	4	503	4	1556	103	1.22
510	3	513	3	1656	90	1.23	2	515	2	1842	21	1.35	5	513	5	1731	120	1.28
520	1	520	1	1753	.	1.25	1	528	1	1928	.	1.31	2	524	2	1841	124	1.28
530	.	.	.	.	.	.	1	539	1	1928	.	1.23	1	539	1	1928	.	1.23
540	.	.	.	.	.	.	1	549	1	2262	.	1.37	1	549	1	2262	.	1.37
550	.	.	.	.	.	.	1	551	1	2213	.	1.32	1	551	1	2213	.	1.32
580	1	581	1	2462	.	1.26	.	.	.	.	.	.	1	581	1	2462	.	1.26
TOTAL/MEAN	96	397	96	834	389	1.23	74	396	74	824	426	1.22	170	396	170	830	404	1.22

Table 11. Length and weight data, by 10mm fork length intervals, for walleye caught by gill nets in Dauphin Lake, spring, 1987.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
.	.	.	.	.	.	.	0	.	1	327	.	.	0	.	1	327	.	.
150	.	.	.	.	.	.	1	157	1	37	.	0.96	1	157	1	37	.	0.96
200	1	201	1	92	.	1.13	4	205	4	89	5	1.02	5	204	5	89	5	1.04
210	1	217	1	95	.	0.93	3	214	3	98	10	1.01	4	215	4	98	8	0.99
220	1	223	1	108	.	0.97	.	.	.	.	.	.	1	223	1	108	.	0.97
240	1	240	1	125	.	0.90	1	241	1	155	.	1.11	2	241	2	140	21	1.01
330	.	.	.	.	.	.	1	336	1	456	.	1.20	1	336	1	456	.	1.20
350	2	352	2	494	7	1.14	2	359	2	549	28	1.19	4	355	4	521	36	1.16
360	7	365	7	574	44	1.18	5	365	5	566	28	1.17	13	365	13	572	35	1.18
370	8	374	8	599	23	1.15	10	377	10	631	31	1.18	18	376	18	617	32	1.16
380	18	385	18	669	32	1.17	18	384	18	683	50	1.20	36	385	36	676	42	1.19
390	13	394	13	733	48	1.20	14	393	14	734	55	1.20	27	394	27	734	51	1.20
400	8	402	8	760	47	1.17	15	404	15	783	45	1.19	23	403	23	775	46	1.18
410	5	416	5	825	24	1.14	3	413	3	846	52	1.20	8	415	8	833	35	1.17
420	1	422	1	893	.	1.19	3	426	3	930	68	1.20	4	425	4	921	59	1.20
430	2	430	2	886	40	1.11	3	434	3	1072	40	1.31	5	433	5	998	108	1.23
440	.	.	.	.	.	.	3	446	3	1121	29	1.26	3	446	3	1121	29	1.26
450	.	.	.	.	.	.	1	450	1	1136	.	1.25	1	450	1	1136	.	1.25
460	.	.	.	.	.	.	1	460	1	1174	.	1.21	1	460	1	1174	.	1.21
480	2	483	2	1319	72	1.17	.	.	.	.	.	.	2	483	2	1319	72	1.17
490	1	494	1	1328	.	1.10	.	.	.	.	.	.	1	494	1	1328	.	1.10
500	1	504	1	1609	.	1.26	.	.	.	.	.	.	1	504	1	1609	.	1.26
510	1	516	1	1826	.	1.33	1	519	1	1633	.	1.17	2	518	2	1730	136	1.25
530	.	.	.	.	.	.	4	536	4	1798	155	1.17	4	536	4	1798	155	1.17
550	.	.	.	.	.	.	2	554	2	2023	84	1.19	2	554	2	2023	84	1.19
TOTAL/MEAN	73	387	73	713	270	1.16	95	388	96	763	390	1.18	169	387	170	741	343	1.17

Table 12. Length and weight data, by 10mm fork length intervals, for walleye caught by gill nets in Dauphin Lake, summer, 1987.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
190	.	.	.	.	.	.	1	195	1	68	.	0.92	1	195	1	68	.	0.92
200	.	.	.	.	.	.	1	200	1	77	.	0.96	1	200	1	77	.	0.96
210	.	.	.	.	.	.	1	213	1	94	.	0.97	1	213	1	94	.	0.97
230	.	.	.	.	.	.	1	232	1	122	.	0.98	1	232	1	122	.	0.98
240	2	242	2	145	6	1.03	.	.	.	.	.	.	2	242	2	145	6	1.03
250	2	258	2	167	0	0.98	3	252	3	172	9	1.07	5	254	5	170	7	1.03
260	4	263	4	189	15	1.04	4	266	4	190	13	1.01	8	264	8	189	13	1.03
270	2	274	2	203	2	0.98	4	274	4	209	10	1.02	6	274	6	207	8	1.01
280	.	.	.	.	.	.	2	286	2	221	2	0.95	2	286	2	221	2	0.95
360	.	.	.	.	.	.	1	360	1	521	.	1.12	1	360	1	521	.	1.12
370	3	377	3	624	7	1.17	2	379	2	661	3	1.21	5	378	5	639	21	1.18
380	5	386	5	666	31	1.16	4	384	4	671	22	1.18	9	385	9	668	26	1.17
390	15	395	15	709	37	1.15	12	395	12	741	40	1.20	27	395	27	723	41	1.17
400	20	405	20	785	39	1.19	26	405	26	774	45	1.17	46	405	46	779	42	1.17
410	6	413	6	807	51	1.14	21	414	21	834	40	1.17	27	414	27	828	43	1.17
420	11	423	11	883	47	1.16	12	424	12	873	53	1.15	23	423	23	878	49	1.16
430	2	434	2	956	39	1.17	3	434	3	984	150	1.20	5	434	5	973	109	1.19
440	.	.	.	.	.	.	7	446	7	1073	68	1.21	7	446	7	1073	68	1.21
450	.	.	.	.	.	.	5	455	5	1157	35	1.23	5	455	5	1157	35	1.23
460	2	469	2	1381	1	1.34	.	.	.	.	.	.	2	469	2	1381	1	1.34
470	1	477	1	1329	.	1.22	1	474	1	1328	.	1.25	2	476	2	1329	1	1.24
480	.	.	.	.	.	.	1	483	1	1359	.	1.21	1	483	1	1359	.	1.21
490	1	490	1	1444	.	1.23	.	.	.	.	.	.	1	490	1	1444	.	1.23
500	1	506	1	1504	.	1.16	.	.	.	.	.	.	1	506	1	1504	.	1.16
520	1	528	1	1852	.	1.26	.	.	.	.	.	.	1	528	1	1852	.	1.26
540	1	541	1	1903	.	1.20	3	543	3	2021	195	1.27	4	542	4	1992	170	1.25
550	.	.	.	.	.	.	2	552	2	1916	62	1.14	2	552	2	1916	62	1.14
560	.	.	.	.	.	.	1	563	1	2065	.	1.16	1	563	1	2065	.	1.16
570	.	.	.	.	.	.	1	571	1	2212	.	1.19	1	571	1	2212	.	1.19
TOTAL/MEAN	79	394	79	767	330	1.15	119	400	119	820	409	1.16	198	398	198	799	380	1.16

Table 13. Length and weight data, by 10mm fork length intervals, for walleye caught by gill nets in Dauphin Lake, fall, 1987.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
140	1	149	1	33	.	1.00	.	.	.	.	.	.	1	149	1	33	.	1.00
230	.	.	.	.	.	.	2	237	2	137	1	1.03	2	237	2	137	1	1.03
240	1	249	1	165	.	1.07	.	.	.	.	.	.	1	249	1	165	.	1.07
250	1	256	1	189	.	1.13	.	.	.	.	.	.	1	256	1	189	.	1.13
260	1	262	1	209	.	1.16	.	.	.	.	.	.	1	262	1	209	.	1.16
270	3	273	3	233	12	1.14	1	275	1	233	.	1.12	4	274	4	233	10	1.13
280	2	289	2	280	0	1.17	2	287	2	271	18	1.15	4	288	4	276	12	1.16
290	8	295	8	280	16	1.09	4	293	4	271	11	1.07	12	294	12	277	15	1.09
300	3	303	3	296	8	1.06	.	.	.	.	.	.	3	303	3	296	8	1.06
310	.	.	.	.	.	.	2	313	2	337	18	1.10	2	313	2	337	18	1.10
360	.	.	.	.	.	.	1	367	1	515	.	1.04	1	367	1	515	.	1.04
390	2	394	2	761	35	1.24	1	394	1	733	.	1.21	3	394	3	753	27	1.23
400	8	403	8	872	41	1.33	1	405	1	779	.	1.17	9	403	9	861	49	1.32
410	12	415	12	942	38	1.32	3	414	3	842	64	1.19	15	414	15	922	58	1.30
420	30	426	30	1000	44	1.30	12	425	12	961	92	1.25	42	425	42	989	63	1.29
430	19	434	19	1022	45	1.25	23	435	23	1078	75	1.31	42	435	42	1053	69	1.28
440	14	444	14	1114	63	1.27	27	444	27	1131	49	1.29	42	444	42	1125	53	1.28
450	6	455	6	1238	55	1.32	14	455	14	1205	79	1.28	20	455	20	1215	73	1.29
460	.	.	.	.	.	.	9	463	9	1280	114	1.28	9	463	9	1280	114	1.28
470	.	.	.	.	.	.	5	473	5	1423	49	1.35	5	473	5	1423	49	1.35
480	2	484	2	1456	49	1.28	1	480	1	1544	.	1.40	3	483	3	1485	62	1.32
490	.	.	.	.	.	.	2	493	2	1674	14	1.40	2	493	2	1674	14	1.40
500	.	.	.	.	.	.	2	505	2	1788	0	1.39	2	505	2	1788	0	1.39
520	3	522	3	1796	63	1.27	.	.	.	.	.	.	3	522	3	1796	63	1.27
530	2	536	2	1972	122	1.29	1	539	1	2087	.	1.33	3	537	3	2010	109	1.30
550	.	.	.	.	.	.	1	559	1	2296	.	1.31	1	559	1	2296	.	1.31
560	.	.	.	.	.	.	1	567	1	2445	.	1.34	1	567	1	2445	.	1.34
580	1	584	1	2619	.	1.31	1	586	1	2637	.	1.31	2	585	2	2628	13	1.31
590	.	.	.	.	.	.	1	595	1	2755	.	1.31	1	595	1	2755	.	1.31
TOTAL/MEAN	119	409	119	942	399	1.26	117	435	117	1114	430	1.27	237	422	237	1028	422	1.26

Table 14. Length and weight data, by 10mm fork length intervals, for walleye caught by gill nets in Dauphin Lake, fall, 1988.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
150	1	156	1	89	.	1.03	1	159	1	37	.	0.92	2	158	2	38	1	0.97
160	6	163	6	45	3	1.04	1	169	1	49	.	1.02	7	164	7	46	3	1.04
170	1	175	1	58	.	1.08	1	175	1	57	.	1.06	2	175	2	58	1	1.07
270	2	275	2	241	19	1.16	.	.	.	.	.	.	2	275	2	241	19	1.16
280	3	282	3	258	14	1.15	2	289	2	282	5	1.17	5	285	5	268	16	1.16
290	2	296	2	307	18	1.19	.	.	.	.	.	.	2	296	2	307	18	1.19
310	.	.	.	.	.	.	2	315	2	427	69	1.36	2	315	2	427	69	1.36
320	.	.	.	.	.	.	1	325	1	455	.	1.33	1	325	1	455	.	1.33
330	1	339	1	571	.	1.47	3	333	3	446	26	1.21	4	334	4	478	66	1.28
340	1	344	1	531	.	1.30	2	349	2	548	30	1.29	3	347	3	542	24	1.30
350	2	350	2	567	39	1.32	3	354	3	586	11	1.32	5	353	5	578	23	1.32
360	4	365	4	642	6	1.32	4	366	4	639	42	1.30	8	366	8	640	28	1.31
370	7	375	7	688	29	1.31	5	375	5	652	22	1.24	12	375	12	673	31	1.28
380	6	386	6	754	39	1.31	4	383	4	748	54	1.33	10	385	10	752	42	1.32
390	9	394	9	798	45	1.30	2	393	2	783	24	1.30	11	394	11	795	42	1.30
400	2	406	2	837	45	1.25	2	406	2	804	44	1.21	4	406	4	820	41	1.23
420	1	425	1	979	.	1.28	.	.	.	.	.	.	1	425	1	979	.	1.28
430	1	432	1	1169	.	1.45	.	.	.	.	.	.	1	432	1	1169	.	1.45
440	5	446	5	1154	120	1.30	1	440	1	1114	.	1.31	6	445	6	1147	109	1.30
450	7	455	7	1283	67	1.36	2	457	2	1381	170	1.45	9	455	9	1305	94	1.38
460	12	466	12	1388	104	1.38	7	466	7	1423	78	1.41	19	466	19	1401	94	1.39
470	6	474	6	1417	51	1.33	7	474	7	1470	62	1.38	13	474	13	1445	61	1.36
480	4	483	4	1498	58	1.33	7	484	7	1572	104	1.39	11	484	11	1545	94	1.37
490	2	496	2	1698	47	1.39	6	493	6	1663	123	1.38	8	494	8	1671	106	1.39
500	.	.	.	.	.	.	4	503	4	1772	41	1.39	4	503	4	1772	41	1.39
510	.	.	.	.	.	.	2	519	2	1942	155	1.39	2	519	2	1942	155	1.39
520	.	.	.	.	.	.	1	525	1	2074	.	1.43	1	525	1	2074	.	1.43
580	.	.	.	.	.	.	1	584	1	2905	.	1.46	1	584	1	2905	.	1.46
TOTAL/MEAN	85	389	85	902	473	1.29	71	418	71	1116	590	1.33	156	402	156	999	538	1.31

Table 15. Length and weight data, by 10mm fork length intervals, for walleye caught by gill nets in Dauphin Lake, fall, 1989.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
240	2	245	2	160	7	1.09	.	.	.	.	.	.	2	245	2	160	7	1.09
250	2	254	2	175	18	1.07	.	.	.	.	.	.	2	254	2	175	18	1.07
260	2	267	2	199	1	1.05	4	263	4	206	5	1.14	6	264	6	204	5	1.11
270	3	274	3	227	7	1.10	.	.	.	.	.	.	3	274	3	227	7	1.10
280	1	282	1	249	.	1.11	1	283	1	238	.	1.05	2	283	2	244	8	1.08
320	.	.	.	.	.	.	1	329	1	461	.	1.29	1	329	1	461	.	1.29
330	1	338	1	487	.	1.26	.	.	.	.	.	.	1	338	1	487	.	1.26
340	1	345	1	514	.	1.25	.	.	.	.	.	.	1	345	1	514	.	1.25
350	1	357	1	495	.	1.09	1	350	1	527	.	1.23	2	354	2	511	23	1.16
360	.	.	.	.	.	.	2	364	2	639	51	1.33	2	364	2	639	51	1.33
370	2	376	2	663	16	1.25	.	.	.	.	.	.	2	376	2	663	16	1.25
380	3	383	3	708	44	1.26	2	388	2	700	9	1.20	5	385	5	704	32	1.24
390	10	394	10	795	44	1.30	2	394	2	764	45	1.25	12	394	12	790	44	1.30
400	16	404	16	855	58	1.30	1	408	1	834	.	1.23	17	404	17	853	57	1.29
410	11	414	11	926	39	1.31	1	416	1	929	.	1.29	12	414	12	926	37	1.31
420	6	422	6	974	85	1.29	3	422	3	911	32	1.21	9	422	9	953	76	1.27
430	2	437	2	1058	45	1.27	2	435	2	999	114	1.21	4	436	4	1028	79	1.24
440	2	444	2	1140	133	1.30	1	447	1	1089	.	1.22	3	445	3	1123	99	1.28
450	3	457	3	1275	59	1.33	.	.	.	.	.	.	3	457	3	1275	59	1.33
460	5	465	5	1381	60	1.37	1	464	1	1468	.	1.47	6	465	6	1396	64	1.39
470	7	473	7	1416	129	1.34	6	476	6	1564	69	1.45	13	474	13	1485	127	1.39
480	2	483	2	1503	16	1.34	6	486	6	1631	93	1.42	8	485	8	1599	98	1.40
490	2	492	2	1559	4	1.31	2	495	2	1589	95	1.31	4	493	4	1574	57	1.31
500	1	502	1	1601	.	1.27	4	506	4	1769	105	1.37	5	505	5	1735	118	1.35
510	.	.	.	.	.	.	6	514	6	1762	88	1.30	6	514	6	1762	88	1.30
520	.	.	.	.	.	.	1	521	1	1869	.	1.32	1	521	1	1869	.	1.32
530	.	.	.	.	.	.	1	535	1	2003	.	1.31	1	535	1	2003	.	1.31
560	1	565	1	2642	.	1.46	.	.	.	.	.	.	1	565	1	2642	.	1.46
580	.	.	.	.	.	.	1	581	1	2814	.	1.43	1	581	1	2814	.	1.43
TOTAL/MEAN	86	405	86	930	416	1.28	49	442	49	1265	596	1.31	135	419	135	1052	513	1.29

Table 16. Length and weight data, by 10mm fork length intervals, for northern pike caught by gill nets in Dauphin Lake, summer, 1984.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
160	.	.	.	.	.	.	.	.	.	.	.	.	1	160	1	34	.	0.83
210	.	.	.	.	.	.	.	.	.	.	.	.	2	214	2	76	8	0.78
220	2	223	2	86	6	0.78	.	.	.	.	.	.	2	223	2	86	6	0.78
230	.	.	.	.	.	.	.	.	.	.	.	.	1	234	1	100	.	0.78
240	.	.	.	.	.	.	.	.	.	.	.	.	1	245	1	110	.	0.75
250	.	.	.	.	.	.	.	.	.	.	.	.	2	257	2	135	7	0.80
260	3	265	3	167	31	0.89	2	264	2	122	11	0.66	10	265	10	153	24	0.82
270	7	271	7	148	16	0.74	1	274	1	150	.	0.73	11	273	11	154	17	0.76
280	3	284	3	177	12	0.77	1	285	1	150	.	0.65	8	285	8	181	17	0.78
290	4	297	4	173	49	0.66	2	295	2	205	7	0.80	12	295	12	191	30	0.75
300	2	306	2	230	14	0.80	4	303	4	222	23	0.80	7	304	7	228	20	0.82
310	4	317	4	225	19	0.71	1	310	1	222	.	0.75	11	315	11	244	26	0.78
320	2	325	2	265	7	0.78	1	321	1	250	.	0.76	6	322	6	260	9	0.78
330	7	334	7	279	34	0.75	2	333	2	300	0	0.82	10	334	10	283	29	0.76
340	5	342	5	282	22	0.71	2	348	2	325	21	0.77	8	343	8	288	33	0.71
350	3	354	3	353	25	0.79	1	352	1	310	.	0.71	4	354	4	343	30	0.77
360	5	365	5	358	16	0.73	1	361	1	360	.	0.77	6	365	6	358	15	0.74
370	2	373	2	390	28	0.75	.	.	.	.	.	.	2	373	2	390	28	0.75
380	3	384	3	467	29	0.82	1	385	1	410	.	0.72	5	384	5	444	37	0.78
390	.	.	.	.	.	.	1	395	1	500	.	0.81	1	395	1	500	.	0.81
400	2	403	2	475	35	0.73	1	400	1	540	.	0.84	4	402	4	485	44	0.75
410	1	418	1	530	.	0.73	1	410	1	560	.	0.81	2	414	2	545	21	0.77
420	2	421	2	570	0	0.76	2	425	2	510	0	0.67	4	423	4	540	35	0.72
430	3	433	3	607	38	0.75	3	434	3	588	39	0.72	6	433	6	598	36	0.73
440	1	445	1	650	.	0.74	.	.	.	.	.	.	1	445	1	650	.	0.74
450	2	454	2	715	7	0.76	.	.	.	.	.	.	2	454	2	715	7	0.76
460	7	465	7	761	101	0.76	.	.	.	.	.	.	7	465	7	761	101	0.76
470	2	475	2	825	49	0.77	4	471	4	794	81	0.76	6	472	6	804	68	0.77
480	5	486	5	853	78	0.74	5	482	5	778	52	0.69	10	484	10	816	74	0.72
490	12	493	12	906	80	0.76	5	491	5	853	65	0.72	18	492	18	894	77	0.75
500	3	503	3	1018	114	0.80	6	505	6	958	210	0.75	9	504	9	978	178	0.76
510	9	513	9	1056	99	0.78	10	514	10	932	85	0.69	21	514	21	1003	112	0.74
520	5	524	5	1080	139	0.75	9	526	9	1071	125	0.74	14	525	14	1074	125	0.74
530	5	532	5	1094	136	0.73	9	533	9	1112	88	0.73	14	533	14	1105	103	0.73
540	3	544	3	1167	21	0.72	10	542	10	1155	68	0.72	13	543	13	1157	60	0.72
550	3	554	3	1163	119	0.68	6	554	6	1162	99	0.68	9	554	9	1162	98	0.68
560	.	.	.	.	.	.	10	564	10	1322	78	0.74	10	564	10	1322	78	0.74
570	.	.	.	.	.	.	6	573	6	1373	130	0.73	6	573	6	1373	130	0.73
580	.	.	.	.	.	.	4	582	4	1353	243	0.68	4	582	4	1353	243	0.68
590	.	.	.	.	.	.	3	594	3	1560	151	0.74	3	594	3	1560	151	0.74
600	.	.	.	.	.	.	1	601	1	1550	.	0.71	1	601	1	1550	.	0.71
610	.	.	.	.	.	.	1	615	1	1850	.	0.80	1	615	1	1850	.	0.80
630	1	633	1	2000	.	0.79	5	636	5	1768	207	0.69	6	636	6	1807	208	0.70
660	.	.	.	.	.	.	1	660	1	1990	.	0.69	1	660	1	1990	.	0.69
710	.	.	.	.	.	.	1	715	1	2520	.	0.69	1	715	1	2520	.	0.69
TOTAL/MEAN	118	416	118	629	387	0.75	123	500	123	991	457	0.73	283	436	283	732	476	0.75

Table 17. Length and weight data, by 10mm fork length intervals, for northern pike caught by gill nets in Dauphin Lake, fall, 1984.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
220	2	224	1	68	.	0.64	.	.	.	.	.	.	2	224	1	68	.	0.64
230	.	.	.	.	.	.	1	230	1	93	.	0.76	1	230	1	93	.	0.76
260	1	266	1	133	.	0.71	.	.	.	.	.	.	1	266	1	133	.	0.71
270	1	275	1	130	.	0.63	.	.	.	.	.	.	1	275	1	130	.	0.63
280	2	285	2	157	8	0.68	.	.	.	.	.	.	2	285	2	157	8	0.68
290	1	290	1	170	.	0.70	1	293	1	182	.	0.72	2	292	2	176	8	0.71
300	4	304	4	176	14	0.63	1	302	1	193	.	0.70	5	303	5	180	14	0.64
310	1	315	1	220	.	0.70	1	313	1	187	.	0.61	2	314	2	204	23	0.66
320	2	322	2	215	8	0.65	1	320	1	232	.	0.71	3	321	3	220	12	0.67
330	1	333	1	283	.	0.77	6	334	6	251	11	0.67	7	334	7	255	16	0.68
340	5	344	5	272	11	0.67	4	344	4	297	26	0.73	9	344	9	283	22	0.70
350	4	353	4	295	37	0.67	2	353	2	289	17	0.66	6	353	6	293	30	0.67
360	4	362	4	329	25	0.69	3	364	3	312	11	0.65	7	363	7	322	21	0.67
370	6	373	6	365	15	0.70	3	375	3	362	34	0.69	9	374	9	364	21	0.70
380	1	385	1	372	.	0.65	8	384	8	362	55	0.64	9	384	9	363	51	0.64
390	4	393	4	450	56	0.74	6	393	6	391	16	0.65	10	393	10	415	46	0.69
400	2	400	2	424	17	0.66	5	402	5	424	26	0.65	7	401	7	424	22	0.66
410	3	415	3	510	15	0.71	5	413	5	459	15	0.65	8	414	8	478	30	0.67
420	3	423	3	547	53	0.72	4	426	4	518	25	0.67	7	425	7	530	39	0.69
430	1	433	1	519	.	0.64	2	433	2	548	31	0.68	3	433	3	538	28	0.66
440	2	445	2	631	11	0.72	1	440	1	564	.	0.66	3	443	3	608	39	0.70
450	2	459	2	592	111	0.61	1	450	1	600	.	0.66	3	456	3	594	79	0.63
460	8	463	8	727	47	0.73	1	461	1	538	.	0.55	9	463	9	706	77	0.71
470	10	475	10	749	50	0.70	2	470	2	659	62	0.63	12	474	12	734	60	0.69
480	4	485	4	814	54	0.72	3	484	3	811	22	0.71	7	484	7	812	40	0.71
490	7	494	7	885	52	0.73	4	493	4	808	42	0.68	11	494	11	857	61	0.71
500	9	503	9	854	61	0.67	3	503	3	910	188	0.71	12	503	12	868	99	0.68
510	8	513	8	964	136	0.72	1	515	1	929	.	0.68	9	513	9	960	128	0.71
520	9	523	9	1000	36	0.70	5	524	5	987	36	0.68	14	523	14	996	35	0.69
530	9	533	9	1117	94	0.74	6	535	6	1018	79	0.67	15	534	15	1077	99	0.71
540	10	545	10	1176	65	0.73	13	544	13	1073	77	0.67	23	544	23	1118	87	0.69
550	11	553	11	1188	92	0.70	14	554	14	1176	115	0.69	25	553	25	1181	103	0.70
560	3	568	3	1329	116	0.73	12	564	12	1177	68	0.66	15	565	15	1208	98	0.67
570	2	571	2	1340	45	0.72	8	574	8	1311	130	0.69	10	573	10	1316	116	0.70
580	3	584	3	1391	236	0.70	11	584	11	1284	98	0.64	14	584	14	1307	134	0.66
590	2	591	2	1443	151	0.70	7	593	7	1407	100	0.68	9	592	9	1415	103	0.68
600	1	602	1	1512	.	0.69	7	605	7	1598	182	0.72	8	605	8	1587	172	0.72
610	.	.	.	.	.	.	6	611	6	1483	101	0.65	6	611	6	1483	101	0.65
620	.	.	.	.	.	.	7	624	7	1748	193	0.72	7	624	7	1748	193	0.72
630	.	.	.	.	.	.	2	633	2	1616	59	0.64	2	633	2	1616	59	0.64
640	.	.	.	.	.	.	3	642	3	1654	58	0.63	3	642	3	1654	58	0.63

Table 17. continued

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
660	.	.	.	.	.	.	2	660	2	1663	5	0.58	2	660	2	1663	5	0.58
670	.	.	.	.	.	.	1	672	1	1755	.	0.58	1	672	1	1755	.	0.58
690	.	.	.	.	.	.	3	690	3	2323	249	0.71	3	690	3	2323	249	0.71
700	.	.	.	.	.	.	1	709	1	2552	.	0.72	1	709	1	2552	.	0.72
710	.	.	.	.	.	.	2	716	2	2812	146	0.77	2	716	2	2812	146	0.77
740	.	.	.	.	.	.	1	744	1	3334	.	0.81	1	744	1	3334	.	0.81
TOTAL/MEAN	148	463	147	782	376	0.70	180	514	180	1030	576	0.67	328	491	327	919	510	0.69

Table 18. Length and weight data, by 10mm fork length intervals, for northern pike caught by gill nets in Dauphin Lake, spring, 1985.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
.	0	.	1	1206	.	.	.	.	.	.	.	.	0	.	1	1206	.	.
300	1	307	1	220	.	0.76	.	.	.	.	.	.	1	307	1	220	.	0.76
330	1	337	1	278	.	0.73	1	338	1	267	.	0.69	2	338	2	273	8	0.71
340	3	345	3	296	1	0.72	.	.	.	.	.	.	3	345	3	296	1	0.72
350	5	353	5	328	14	0.75	2	355	2	315	21	0.70	7	353	7	324	16	0.73
360	2	364	2	338	23	0.70	2	365	2	356	17	0.73	4	365	4	347	20	0.72
370	6	374	6	358	12	0.68	3	374	3	365	10	0.70	9	374	9	360	12	0.69
380	.	.	.	.	.	.	3	380	3	360	15	0.65	3	380	3	360	15	0.65
390	1	391	1	441	.	0.74	7	394	7	426	25	0.70	8	394	8	428	23	0.70
400	3	402	3	479	22	0.74	4	404	4	473	20	0.72	7	403	7	475	19	0.73
410	2	416	2	544	4	0.76	4	415	4	475	14	0.67	6	415	6	498	37	0.70
420	1	425	1	568	.	0.74	1	423	1	512	.	0.68	2	424	2	540	40	0.71
430	2	436	2	645	71	0.78	4	436	4	559	28	0.68	6	436	6	588	59	0.71
440	6	444	6	625	60	0.72	3	443	3	605	33	0.69	9	444	9	618	51	0.71
450	3	455	3	683	36	0.72	2	451	2	674	7	0.74	5	453	5	680	26	0.73
460	6	465	6	728	60	0.73	1	463	1	581	.	0.59	7	465	7	707	78	0.71
470	5	476	5	798	86	0.74	1	478	1	666	.	0.61	6	476	6	776	94	0.72
480	8	484	8	780	72	0.69	1	485	1	630	.	0.55	9	484	9	763	84	0.67
490	10	496	10	840	66	0.69	4	494	4	823	136	0.68	14	495	14	835	85	0.69
500	15	504	15	907	89	0.71	7	507	7	873	67	0.67	22	505	22	896	83	0.70
510	17	515	17	920	96	0.67	3	517	3	905	75	0.65	20	515	20	918	92	0.67
520	12	524	12	977	111	0.68	11	526	11	895	64	0.62	23	525	23	938	99	0.65
530	17	534	17	1068	91	0.70	11	535	11	973	92	0.63	28	535	28	1031	102	0.68
540	9	544	9	1113	80	0.69	14	544	14	974	104	0.60	23	544	23	1028	116	0.64
550	12	555	12	1186	135	0.69	15	555	15	1053	100	0.62	27	555	27	1112	133	0.65
560	6	563	6	1264	74	0.71	14	564	14	1171	127	0.65	20	564	20	1199	120	0.67
570	3	571	3	1305	96	0.70	10	574	10	1229	166	0.65	13	574	13	1247	152	0.66
580	3	586	3	1338	53	0.66	9	585	9	1309	89	0.65	12	585	12	1316	80	0.66
590	.	.	.	.	.	.	10	595	10	1294	112	0.62	10	595	10	1294	112	0.62
600	1	608	1	1410	.	0.63	9	605	9	1402	132	0.63	10	606	10	1403	124	0.63
610	1	615	1	1562	.	0.67	10	614	10	1474	107	0.64	11	614	11	1482	105	0.64
620	1	628	1	1551	.	0.63	3	625	3	1651	124	0.68	4	626	4	1626	113	0.66
630	.	.	.	.	.	.	4	634	4	1589	92	0.62	4	634	4	1589	92	0.62
640	.	.	.	.	.	.	1	642	1	1522	.	0.58	1	642	1	1522	.	0.58
650	.	.	.	.	.	.	3	653	3	1888	154	0.68	3	653	3	1888	154	0.68
670	.	.	.	.	.	.	3	674	3	2221	288	0.73	3	674	3	2221	288	0.73
680	.	.	.	.	.	.	1	684	1	1977	.	0.62	1	684	1	1977	.	0.62
700	.	.	.	.	.	.	2	706	2	2400	385	0.68	2	706	2	2400	385	0.68
710	.	.	.	.	.	.	1	717	1	2476	.	0.67	1	717	1	2476	.	0.67
720	.	.	.	.	.	.	2	725	2	2544	86	0.67	2	725	2	2544	86	0.67
730	.	.	.	.	.	.	1	731	1	3186	.	0.82	1	731	1	3186	.	0.82
TOTAL/MEAN	162	495	163	884	296	0.70	187	540	187	1090	491	0.65	349	519	350	994	424	0.67

Table 19. Length and weight data, by 10mm fork length intervals, for northern pike caught by gill nets in Dauphin Lake, summer, 1985.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
110	1	111	1	9	.	0.66	.	.	.	.	.	.	1	111	1	9	.	0.66
150	2	156	2	27	4	0.71	.	.	.	.	.	.	2	156	2	27	4	0.71
160	1	160	1	30	.	0.73	.	.	.	.	.	.	1	160	1	30	.	0.73
310	.	.	.	.	.	.	1	316	1	233	.	0.74	1	316	1	233	.	0.74
320	.	.	.	.	.	.	1	325	1	273	.	0.80	1	325	1	273	.	0.80
340	1	349	1	270	.	0.64	.	.	.	.	.	.	1	349	1	270	.	0.64
350	2	357	2	317	34	0.70	.	.	.	.	.	.	2	357	2	317	34	0.70
360	2	366	2	350	13	0.71	1	362	1	313	.	0.66	3	365	3	337	23	0.70
370	3	375	3	375	34	0.71	2	378	2	341	35	0.63	5	376	5	361	35	0.68
380	1	382	1	361	.	0.65	4	382	4	387	13	0.70	5	382	5	382	16	0.69
390	4	398	4	413	22	0.66	3	394	3	392	21	0.64	7	396	7	404	23	0.65
400	3	404	3	431	10	0.66	2	400	2	421	21	0.66	5	402	5	427	14	0.66
410	2	415	2	517	13	0.72	8	414	8	492	28	0.69	10	414	10	497	28	0.70
420	1	425	1	588	.	0.77	5	422	5	478	32	0.64	6	422	6	497	53	0.66
430	.	.	.	.	.	.	5	435	5	586	47	0.71	5	435	5	586	47	0.71
440	4	444	4	602	68	0.69	7	444	7	587	38	0.67	11	444	11	592	48	0.68
450	2	454	2	635	138	0.68	3	454	3	648	60	0.69	5	454	5	643	81	0.69
460	7	465	7	705	48	0.70	9	466	9	697	47	0.69	16	466	16	700	46	0.69
470	3	475	3	772	35	0.72	5	477	5	692	25	0.64	8	476	8	722	49	0.67
480	3	484	3	744	34	0.66	4	481	4	768	38	0.69	7	482	7	758	36	0.68
490	8	495	8	824	68	0.68	3	495	3	864	9	0.71	11	495	11	835	60	0.69
500	11	505	11	918	69	0.71	5	505	5	856	68	0.67	16	505	16	899	72	0.70
510	9	514	9	936	87	0.69	3	516	3	807	104	0.59	12	514	12	904	104	0.67
520	9	525	9	1035	103	0.71	7	525	7	999	112	0.69	16	525	16	1020	105	0.70
530	12	532	12	1020	81	0.68	4	536	4	1007	54	0.65	16	533	16	1017	74	0.67
540	14	546	14	1135	91	0.70	5	542	5	1094	88	0.69	19	545	19	1124	90	0.70
550	6	553	6	1169	86	0.69	7	553	7	1056	118	0.62	13	553	13	1108	116	0.66
560	2	563	2	1288	153	0.72	14	564	14	1137	128	0.63	16	564	16	1156	136	0.65
570	2	573	2	1267	12	0.67	6	573	6	1137	137	0.60	8	573	8	1169	131	0.62
580	.	.	.	.	.	.	3	583	3	1343	193	0.68	3	583	3	1343	193	0.68
590	.	.	.	.	.	.	6	593	6	1458	92	0.70	6	593	6	1458	92	0.70
610	.	.	.	.	.	.	6	612	6	1397	87	0.61	6	612	6	1397	87	0.61
620	.	.	.	.	.	.	4	625	4	1505	110	0.62	4	625	4	1505	110	0.62
630	.	.	.	.	.	.	3	633	3	1715	66	0.68	3	633	3	1715	66	0.68
640	.	.	.	.	.	.	1	640	1	1669	.	0.64	1	640	1	1669	.	0.64
650	.	.	.	.	.	.	3	653	3	1960	270	0.71	3	653	3	1960	270	0.71
660	.	.	.	.	.	.	3	665	3	1879	152	0.64	3	665	3	1879	152	0.64
670	.	.	.	.	.	.	1	674	1	1967	.	0.64	1	674	1	1967	.	0.64
680	.	.	.	.	.	.	2	689	2	2211	147	0.68	2	689	2	2211	147	0.68
760	.	.	.	.	.	.	1	765	1	2554	.	0.57	1	765	1	2554	.	0.57
TOTAL/MEAN	115	480	115	831	309	0.69	147	516	147	976	466	0.66	262	501	262	913	410	0.68

Table 20. Length and weight data, by 10mm fork length intervals, for northern pike caught by gill nets in Dauphin Lake, fall, 1985.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
200	.	.	.	.	.	.	1	204	1	56	.	0.66	1	204	1	56	.	0.66
220	2	226	2	79	8	0.69	.	.	.	.	.	.	2	226	2	79	8	0.69
230	1	235	1	96	.	0.74	.	.	.	.	.	.	1	235	1	96	.	0.74
370	2	375	2	337	9	0.64	1	378	1	347	.	0.64	3	376	3	340	9	0.64
380	5	385	5	382	21	0.67	.	.	.	.	.	.	5	385	5	382	21	0.67
390	1	390	1	412	.	0.69	5	396	5	404	24	0.65	6	395	6	405	22	0.66
400	3	406	3	443	17	0.66	4	403	4	426	19	0.65	7	404	7	433	19	0.66
410	4	416	4	469	22	0.65	5	414	5	441	47	0.62	9	414	9	453	38	0.64
420	8	423	8	522	35	0.69	7	423	7	502	45	0.66	15	423	15	512	40	0.68
430	7	434	7	553	40	0.68	9	433	9	531	22	0.65	16	434	16	541	32	0.66
440	7	446	7	619	38	0.70	5	447	5	597	31	0.67	12	446	12	610	36	0.69
450	7	455	7	663	61	0.70	6	453	6	595	35	0.64	13	454	13	632	60	0.67
460	2	463	2	712	6	0.72	5	465	5	647	23	0.64	7	464	7	665	37	0.66
470	10	474	10	748	42	0.70	4	475	4	705	31	0.66	14	474	14	736	43	0.69
480	12	485	12	786	56	0.69	8	483	8	739	55	0.66	20	484	20	767	59	0.68
490	5	491	5	843	64	0.71	11	496	11	792	41	0.65	16	494	16	808	53	0.67
500	13	504	13	873	84	0.68	8	506	8	856	44	0.66	21	505	21	866	71	0.67
510	9	516	9	935	72	0.68	5	514	5	906	27	0.67	14	515	14	925	60	0.68
520	8	523	8	992	72	0.69	7	524	7	918	144	0.64	15	523	15	958	114	0.67
530	6	537	6	1060	50	0.69	4	535	4	952	178	0.62	10	536	10	1017	123	0.66
540	11	543	11	1117	77	0.70	3	547	3	1062	178	0.65	14	544	14	1105	100	0.69
550	4	554	4	1140	79	0.67	13	555	13	1065	90	0.62	17	555	17	1083	91	0.63
560	11	565	11	1206	97	0.67	8	567	8	1151	121	0.63	19	566	19	1183	108	0.65
570	3	572	3	1347	76	0.72	11	575	11	1199	72	0.63	14	575	14	1230	94	0.65
580	1	589	1	1347	.	0.66	10	584	10	1275	187	0.64	11	584	11	1282	178	0.64
590	1	596	1	1653	.	0.78	8	595	8	1354	120	0.64	9	595	9	1387	150	0.66
600	.	.	.	.	.	.	10	604	10	1465	152	0.67	10	604	10	1465	152	0.67
610	1	610	1	1652	.	0.73	5	615	5	1540	106	0.66	6	614	6	1559	105	0.67
620	.	.	.	.	.	.	2	623	2	1513	19	0.63	2	623	2	1513	19	0.63
630	.	.	.	.	.	.	5	635	5	1617	107	0.63	5	635	5	1617	107	0.63
640	.	.	.	.	.	.	9	643	9	1764	147	0.66	9	643	9	1764	147	0.66
650	.	.	.	.	.	.	3	655	3	1864	47	0.66	3	655	3	1864	47	0.66
660	1	662	1	2280	.	0.79	1	661	1	2136	.	0.74	2	662	2	2208	102	0.76
670	.	.	.	.	.	.	1	674	1	1819	.	0.59	1	674	1	1819	.	0.59
680	.	.	.	.	.	.	1	685	1	2129	.	0.66	1	685	1	2129	.	0.66
690	.	.	.	.	.	.	1	696	1	2304	.	0.68	1	696	1	2304	.	0.68
700	.	.	.	.	.	.	4	704	4	2294	189	0.66	4	704	4	2294	189	0.66
710	.	.	.	.	.	.	1	717	1	2712	.	0.74	1	717	1	2712	.	0.74
720	.	.	.	.	.	.	2	725	2	2870	730	0.75	2	725	2	2870	730	0.75
780	.	.	.	.	.	.	1	785	1	3237	.	0.67	1	785	1	3237	.	0.67
TOTAL/MEAN	145	486	145	836	320	0.69	194	537	194	1086	543	0.65	339	515	339	979	477	0.67

Table 21. Length and weight data, by 10mm fork length intervals, for northern pike caught by gill nets in Dauphin Lake, spring, 1986.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
210	1	217	1	67	.	0.66	.	.	.	.	.	.	1	217	1	67	.	0.66
230	1	233	1	93	.	0.74	.	.	.	.	.	.	1	233	1	93	.	0.74
240	1	242	1	96	.	0.68	.	.	.	.	.	.	1	242	1	96	.	0.68
250	.	.	.	.	.	.	1	254	1	107	.	0.65	1	254	1	107	.	0.65
260	.	.	.	.	.	.	1	261	1	117	.	0.66	1	261	1	117	.	0.66
340	.	.	.	.	.	.	1	347	1	297	.	0.71	1	347	1	297	.	0.71
350	2	355	2	319	1	0.71	1	355	1	338	.	0.76	3	355	3	325	11	0.73
370	1	379	1	377	.	0.69	2	378	2	367	25	0.68	3	378	3	370	19	0.69
380	3	384	3	382	19	0.68	.	.	.	.	.	.	3	384	3	382	19	0.68
390	3	395	3	441	52	0.71	2	394	2	382	21	0.63	5	395	5	417	50	0.68
400	3	406	3	450	5	0.67	6	404	6	419	52	0.63	9	405	9	429	44	0.65
410	5	415	5	495	36	0.69	4	414	4	428	88	0.60	9	415	9	465	70	0.65
420	1	420	1	518	.	0.70	3	425	3	463	21	0.60	4	424	4	477	32	0.63
430	6	435	6	543	32	0.66	4	434	4	533	48	0.65	10	435	10	539	37	0.66
440	3	444	3	576	34	0.66	4	445	4	542	29	0.61	7	445	7	556	34	0.63
450	1	458	1	612	.	0.64	8	454	8	600	27	0.64	9	454	9	601	25	0.64
460	1	466	1	654	.	0.65	6	465	6	638	34	0.63	7	465	7	640	31	0.64
470	5	476	5	668	51	0.62	4	475	4	645	61	0.60	9	476	9	658	54	0.61
480	1	482	1	648	.	0.58	4	484	4	736	35	0.65	5	483	5	718	50	0.64
490	3	494	3	785	9	0.65	5	493	5	735	80	0.61	8	493	8	754	66	0.63
500	6	505	6	846	78	0.66	3	506	3	784	9	0.60	9	505	9	825	69	0.64
510	3	513	3	836	67	0.62	5	515	5	809	74	0.59	8	515	8	819	68	0.60
520	7	524	7	896	47	0.62	3	524	3	861	59	0.60	10	524	10	885	50	0.62
530	2	531	2	936	64	0.63	2	530	2	790	73	0.53	4	530	4	863	101	0.58
540	3	541	3	1052	163	0.66	4	545	4	947	178	0.59	7	543	7	992	167	0.62
550	5	553	5	1077	46	0.64	10	554	10	956	69	0.56	15	553	15	996	85	0.59
560	1	569	1	1292	.	0.70	6	564	6	1009	106	0.56	7	565	7	1050	144	0.58
570	.	.	.	.	.	.	6	575	6	1096	170	0.58	6	575	6	1096	170	0.58
580	.	.	.	.	.	.	8	584	8	1144	73	0.57	8	584	8	1144	73	0.57
590	.	.	.	.	.	.	10	593	10	1165	169	0.56	10	593	10	1165	169	0.56
600	1	603	1	1315	.	0.60	5	606	5	1296	90	0.58	6	605	6	1299	81	0.59
610	.	.	.	.	.	.	5	614	5	1402	100	0.60	5	614	5	1402	100	0.60
620	1	621	1	1357	.	0.57	5	625	5	1481	201	0.61	6	625	6	1461	187	0.60
630	.	.	.	.	.	.	3	634	3	1534	27	0.60	3	634	3	1534	27	0.60
640	.	.	.	.	.	.	4	645	4	1579	127	0.59	4	645	4	1579	127	0.59
650	.	.	.	.	.	.	3	651	3	1557	74	0.56	3	651	3	1557	74	0.56
660	.	.	.	.	.	.	2	665	2	1639	35	0.56	2	665	2	1639	35	0.56
670	.	.	.	.	.	.	1	678	1	1692	.	0.54	1	678	1	1692	.	0.54
730	.	.	.	.	.	.	1	738	1	2642	.	0.66	1	738	1	2642	.	0.66
810	.	.	.	.	.	.	1	816	1	3145	.	0.58	1	816	1	3145	.	0.58
TOTAL/MEAN	70	465	70	699	286	0.66	143	528	143	942	451	0.60	213	507	213	862	420	0.62

Table 22. Length and weight data, by 10mm fork length intervals, for northern pike caught by gill nets in Dauphin Lake, summer, 1986.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
100	1	109	1	14	.	1.08	.	.	.	.	.	.	1	109	1	14	.	1.08
150	.	.	.	.	.	.	1	156	1	32	.	0.84	1	156	1	32	.	0.84
160	1	160	1	32	.	0.78	.	.	.	.	.	.	1	160	1	32	.	0.78
180	.	.	.	.	.	.	1	189	1	46	.	0.68	1	189	1	46	.	0.68
240	1	243	1	114	.	0.79	1	248	1	104	.	0.68	2	246	2	109	7	0.74
290	1	298	1	188	.	0.71	.	.	.	.	.	.	1	298	1	188	.	0.71
300	.	.	.	.	.	.	1	309	1	173	.	0.59	1	309	1	173	.	0.59
310	.	.	.	.	.	.	1	313	1	188	.	0.61	1	313	1	188	.	0.61
340	2	346	2	285	8	0.69	.	.	.	.	.	.	2	346	2	285	8	0.69
370	1	373	1	355	.	0.68	1	379	1	342	.	0.63	2	376	2	349	9	0.66
380	3	386	3	369	17	0.64	.	.	.	.	.	.	3	386	3	369	17	0.64
390	1	399	1	409	.	0.64	1	397	1	380	.	0.61	2	398	2	395	21	0.63
400	4	403	4	439	11	0.67	1	409	1	404	.	0.59	5	404	5	432	18	0.65
410	4	414	4	466	15	0.66	5	416	5	474	56	0.66	9	415	9	470	41	0.66
420	7	425	7	504	63	0.66	2	426	2	489	19	0.63	9	426	9	501	56	0.65
430	8	433	8	517	33	0.64	3	435	3	513	42	0.62	11	434	11	516	34	0.63
440	6	443	6	554	55	0.64	4	442	4	562	58	0.65	10	443	10	557	53	0.64
450	3	455	3	604	35	0.64	4	455	4	594	42	0.63	7	455	7	598	36	0.63
460	2	465	2	693	81	0.69	7	464	7	639	62	0.64	9	464	9	651	65	0.65
470	5	473	5	669	96	0.63	7	476	7	664	65	0.62	12	475	12	666	75	0.62
480	2	485	2	743	34	0.65	8	483	8	674	92	0.60	10	483	10	687	87	0.61
490	5	492	5	776	64	0.65	4	493	4	713	72	0.60	9	492	9	748	71	0.63
500	3	503	3	783	57	0.62	2	505	2	713	4	0.55	5	503	5	755	56	0.59
510	2	513	2	926	60	0.69	3	517	3	852	159	0.62	5	515	5	882	123	0.65
520	.	.	.	.	.	.	4	522	4	877	80	0.62	4	522	4	877	80	0.62
530	3	536	3	979	103	0.64	2	536	2	900	65	0.59	5	536	5	947	90	0.62
540	1	546	1	875	.	0.54	1	540	1	1009	.	0.64	2	543	2	942	95	0.59
550	1	558	1	1119	.	0.64	2	550	2	972	62	0.58	3	553	3	1021	96	0.60
560	.	.	.	.	.	.	3	562	3	1014	339	0.57	3	562	3	1014	339	0.57
570	.	.	.	.	.	.	4	573	4	1181	119	0.63	4	573	4	1181	119	0.63
580	.	.	.	.	.	.	4	585	4	1160	119	0.58	4	585	4	1160	119	0.58
590	.	.	.	.	.	.	1	590	1	1182	.	0.58	1	590	1	1182	.	0.58
600	.	.	.	.	.	.	2	605	2	1231	193	0.56	2	605	2	1231	193	0.56
610	.	.	.	.	.	.	3	615	3	1380	42	0.59	3	615	3	1380	42	0.59
630	.	.	.	.	.	.	1	635	1	1516	.	0.59	1	635	1	1516	.	0.59
640	.	.	.	.	.	.	1	645	1	1702	.	0.63	1	645	1	1702	.	0.63
670	.	.	.	.	.	.	1	676	1	1927	.	0.62	1	676	1	1927	.	0.62
690	.	.	.	.	.	.	1	693	1	2168	.	0.65	1	693	1	2168	.	0.65
720	.	.	.	.	.	.	1	721	1	2445	.	0.65	1	721	1	2445	.	0.65
TOTAL/MEAN	67	435	67	574	222	0.66	88	492	88	804	422	0.62	155	467	155	704	367	0.64

Table 23. Length and weight data, by 10mm fork length intervals, for northern pike caught by gill nets in Dauphin Lake, fall, 1986.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
180	1	188	1	52	.	0.78	.	.	.	.	.	.	1	188	1	52	.	0.78
190	1	192	1	50	.	0.71	.	.	.	.	.	.	1	192	1	50	.	0.71
200	2	207	2	64	1	0.73	2	203	2	58	2	0.69	4	205	4	61	4	0.71
210	2	213	2	71	0	0.73	.	.	.	.	.	.	2	213	2	71	0	0.73
230	.	.	.	.	.	.	2	236	2	90	16	0.68	2	236	2	90	16	0.68
240	2	248	2	101	5	0.66	.	.	.	.	.	.	2	248	2	101	5	0.66
250	1	257	1	104	.	0.61	.	.	.	.	.	.	1	257	1	104	.	0.61
260	.	.	.	.	.	.	1	261	1	107	.	0.60	1	261	1	107	.	0.60
330	.	.	.	.	.	.	1	332	1	246	.	0.67	1	332	1	246	.	0.67
360	.	.	.	.	.	.	1	362	1	310	.	0.65	1	362	1	310	.	0.65
370	2	375	2	366	1	0.70	.	.	.	.	.	.	2	375	2	366	1	0.70
380	.	.	.	.	.	.	2	385	2	383	16	0.67	2	385	2	383	16	0.67
390	1	393	1	399	.	0.66	2	395	2	406	29	0.66	3	394	3	403	21	0.66
400	2	404	2	445	1	0.67	1	405	1	463	.	0.70	3	404	3	451	11	0.68
410	6	414	6	475	25	0.67	.	.	.	.	.	.	6	414	6	475	25	0.67
420	5	424	5	525	37	0.69	1	424	1	651	.	0.85	6	424	6	546	61	0.72
430	8	434	8	573	46	0.70	1	438	1	648	.	0.77	9	434	9	581	49	0.71
440	5	443	5	612	22	0.70	2	447	2	574	27	0.64	7	444	7	601	28	0.69
450	7	453	7	644	38	0.69	4	455	4	606	14	0.64	11	454	11	630	36	0.67
460	2	464	2	734	86	0.74	4	464	4	624	42	0.62	6	464	6	661	76	0.66
470	4	476	4	713	18	0.66	7	474	7	708	63	0.67	11	474	11	710	50	0.67
480	5	483	5	755	38	0.67	2	484	2	922	106	0.81	7	484	7	803	97	0.71
490	6	493	6	850	64	0.71	4	491	4	817	61	0.69	10	492	10	836	62	0.70
500	2	501	2	852	122	0.68	7	502	7	789	85	0.63	9	501	9	803	89	0.64
510	5	514	5	897	65	0.66	3	516	3	831	61	0.61	8	515	8	872	68	0.64
520	7	525	7	940	129	0.65	4	525	4	963	57	0.67	11	525	11	949	105	0.66
530	4	536	4	1087	110	0.71	4	535	4	966	31	0.63	8	535	8	1026	99	0.67
540	3	543	3	978	137	0.61	3	544	3	1066	45	0.66	6	543	6	1022	103	0.64
550	1	559	1	1145	.	0.66	4	557	4	926	171	0.54	5	557	5	970	178	0.56
560	5	563	5	1238	275	0.69	7	565	7	1194	108	0.66	12	565	12	1213	186	0.67
570	1	575	1	1401	.	0.74	5	573	5	1166	120	0.62	6	573	6	1205	144	0.64
580	.	.	.	.	.	.	2	583	2	1132	339	0.57	2	583	2	1132	339	0.57
590	.	.	.	.	.	.	3	594	3	1290	87	0.61	3	594	3	1290	87	0.61
600	.	.	.	.	.	.	5	604	5	1419	144	0.65	5	604	5	1419	144	0.65
610	.	.	.	.	.	.	4	612	4	1573	281	0.69	4	612	4	1573	281	0.69
620	1	621	1	1453	.	0.61	2	628	2	1693	114	0.68	3	625	3	1613	160	0.66
630	.	.	.	.	.	.	1	638	1	1954	.	0.75	1	638	1	1954	.	0.75
640	.	.	.	.	.	.	1	642	1	1772	.	0.67	1	642	1	1772	.	0.67
650	.	.	.	.	.	.	1	657	1	1930	.	0.68	1	657	1	1930	.	0.68
660	.	.	.	.	.	.	2	668	2	1940	130	0.65	2	668	2	1940	130	0.65
670	1	675	1	1983	.	0.64	1	677	1	3410*	.	1.10	2	676	2	2697	1009	0.87
710	.	.	.	.	.	.	1	718	1	2418	.	0.65	1	718	1	2418	.	0.65
760	.	.	.	.	.	.	1	768	1	3163	.	0.70	1	768	1	3163	.	0.70
TOTAL/MEAN	92	455	92	715	350	0.68	98	516	98	1007	568	0.66	190	486	190	865	496	0.67

* Weight includes a frog and white sucker found in the stomach

Table 24. Length and weight data, by 10mm fork length intervals, for northern pike caught by gill nets in Dauphin Lake, spring, 1987.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
200	1	206	1	61	.	0.70	.	.	.	.	.	.	1	206	1	61	.	0.70
210	.	.	.	.	.	.	1	219	1	63	.	0.60	1	219	1	63	.	0.60
230	1	239	1	92	.	0.67	.	.	.	.	.	.	1	239	1	92	.	0.67
240	1	249	1	104	.	0.67	.	.	.	.	.	.	1	249	1	104	.	0.67
250	2	257	2	121	5	0.71	.	.	.	.	.	.	2	257	2	121	5	0.71
260	5	265	5	128	8	0.69	1	268	1	145	.	0.75	6	266	6	131	10	0.70
270	2	278	2	149	16	0.69	2	275	2	140	3	0.68	4	276	4	144	11	0.68
280	2	287	2	144	7	0.61	.	.	.	.	.	.	2	287	2	144	7	0.61
290	1	292	1	152	.	0.61	1	292	1	176	.	0.71	2	292	2	164	17	0.66
320	1	322	1	225	.	0.67	.	.	.	.	.	.	1	322	1	225	.	0.67
340	2	346	2	334	43	0.81	1	340	1	261	.	0.66	3	344	3	309	52	0.76
350	1	359	1	302	.	0.65	2	356	2	316	11	0.70	3	357	3	311	11	0.68
360	4	366	4	356	38	0.73	3	366	3	350	16	0.72	7	366	7	353	28	0.72
370	.	.	.	.	.	.	2	376	2	390	24	0.74	2	376	2	390	24	0.74
380	2	388	2	386	28	0.66	.	.	.	.	.	.	2	388	2	386	28	0.66
390	.	.	.	.	.	.	2	397	2	422	16	0.67	2	397	2	422	16	0.67
400	1	406	1	483	.	0.72	.	.	.	.	.	.	1	406	1	483	.	0.72
410	1	413	1	458	.	0.65	1	412	1	401	.	0.57	2	413	2	430	40	0.61
420	4	426	4	511	59	0.66	3	425	3	482	19	0.63	7	426	7	499	46	0.65
430	11	436	11	569	53	0.69	1	435	1	595	.	0.72	12	436	12	571	51	0.69
440	2	444	2	526	11	0.60	4	444	4	598	41	0.68	6	444	6	574	49	0.66
450	9	455	9	628	56	0.67	6	455	6	582	19	0.62	15	455	15	609	50	0.65
460	9	465	9	668	44	0.66	5	467	5	620	26	0.61	14	466	14	651	45	0.64
470	7	475	7	726	66	0.68	4	473	4	664	57	0.63	11	474	11	703	68	0.66
480	1	488	1	797	.	0.69	4	483	4	665	49	0.59	5	484	5	692	73	0.61
490	6	493	6	812	73	0.68	5	496	5	720	78	0.59	11	494	11	770	86	0.64
500	3	504	3	805	88	0.63	11	504	11	778	62	0.61	14	504	14	784	65	0.61
510	3	515	3	899	71	0.66	7	514	7	816	151	0.60	10	514	10	841	134	0.62
520	2	526	2	946	52	0.65	5	526	5	914	110	0.63	7	526	7	923	94	0.64
530	2	531	2	979	151	0.65	5	534	5	925	43	0.61	7	533	7	940	76	0.62
540	3	546	3	1051	91	0.65	1	547	1	833	.	0.51	4	546	4	997	132	0.61
550	.	.	.	.	.	.	3	556	3	1074	129	0.62	3	556	3	1074	129	0.62
560	2	565	2	1048	124	0.58	5	564	5	1087	159	0.61	7	564	7	1076	141	0.60
570	2	575	2	1157	74	0.61	2	575	2	1080	68	0.57	4	575	4	1118	73	0.59
580	1	585	1	1361	.	0.68	2	585	2	1143	13	0.57	3	585	3	1215	127	0.61
590	.	.	.	.	.	.	4	593	4	1231	51	0.59	4	593	4	1231	51	0.59
600	.	.	.	.	.	.	1	602	1	1159	.	0.53	1	602	1	1159	.	0.53
610	.	.	.	.	.	.	1	616	1	1202	.	0.51	1	616	1	1202	.	0.51
620	.	.	.	.	.	.	1	624	1	1307	.	0.54	1	624	1	1307	.	0.54
660	.	.	.	.	.	.	1	669	1	2185	.	0.73	1	669	1	2185	.	0.73
700	.	.	.	.	.	.	1	700	1	2176	.	0.63	1	700	1	2176	.	0.63
750	.	.	.	.	.	.	1	751	1	3192	.	0.75	1	751	1	3192	.	0.75
TOTAL/MEAN	94	431	94	594	293	0.67	99	489	99	789	428	0.62	193	461	193	694	380	0.65

Table 25. Length and weight data, by 10mm fork length intervals, for northern pike caught by gill nets in Dauphin Lake, summer, 1987.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
230	1	237	1	86	.	0.65	.	.	.	.	.	.	1	237	1	86	.	0.65
240	1	241	1	86	.	0.61	.	.	.	.	.	.	1	241	1	86	.	0.61
280	1	280	1	159	.	0.72	.	.	.	.	.	.	1	280	1	159	.	0.72
290	1	293	1	159	.	0.63	1	297	1	171	.	0.65	2	295	2	165	8	0.64
300	1	301	1	179	.	0.66	.	.	.	.	.	.	1	301	1	179	.	0.66
310	1	310	1	179	.	0.60	2	316	2	213	45	0.68	3	314	3	202	38	0.65
330	1	335	1	236	.	0.63	1	330	1	232	.	0.65	2	333	2	234	3	0.64
340	.	.	.	.	.	.	1	347	1	282	.	0.67	1	347	1	282	.	0.67
350	1	358	1	291	.	0.63	.	.	.	.	.	.	1	358	1	291	.	0.63
360	2	363	2	340	3	0.71	.	.	.	.	.	.	2	363	2	340	3	0.71
370	1	370	1	396	.	0.78	.	.	.	.	.	.	1	370	1	396	.	0.78
380	.	.	.	.	.	.	1	389	1	424	.	0.72	1	389	1	424	.	0.72
390	1	394	1	419	.	0.69	1	395	1	383	.	0.62	2	395	2	401	25	0.65
400	1	407	1	431	.	0.64	2	403	2	436	11	0.67	3	404	3	434	9	0.66
410	1	413	1	501	.	0.71	3	414	3	478	5	0.68	4	414	4	484	12	0.68
420	4	426	4	537	25	0.69	2	422	2	506	9	0.67	6	425	6	527	26	0.69
430	5	435	5	539	40	0.65	2	432	2	474	11	0.59	7	434	7	521	46	0.64
440	5	444	5	579	48	0.66	3	443	3	516	70	0.59	8	444	8	555	61	0.64
450	13	454	13	639	25	0.68	5	456	5	602	24	0.64	18	455	18	628	29	0.67
460	4	465	4	666	13	0.66	7	465	7	629	58	0.63	11	465	11	642	49	0.64
470	4	474	4	757	66	0.71	8	475	8	373	45	0.63	12	475	12	701	65	0.66
480	7	486	7	777	54	0.68	5	486	5	739	46	0.64	12	486	12	761	52	0.66
490	2	496	2	825	35	0.68	10	495	10	787	91	0.65	12	495	12	793	84	0.65
500	.	.	.	.	.	.	5	505	5	783	46	0.61	5	505	5	783	46	0.61
510	4	516	4	874	80	0.64	8	513	8	815	39	0.60	12	514	12	835	60	0.62
520	3	526	3	1030	144	0.71	5	526	5	911	104	0.63	8	526	8	956	126	0.66
530	2	534	2	896	137	0.59	5	534	5	995	53	0.66	7	534	7	967	86	0.64
540	2	544	2	1060	21	0.66	5	545	5	1042	48	0.64	7	545	7	1047	41	0.65
550	1	555	1	1080	.	0.63	1	552	1	1212	.	0.72	2	554	2	1146	93	0.68
560	.	.	.	.	.	.	1	567	1	1025	.	0.56	1	567	1	1025	.	0.56
570	.	.	.	.	.	.	2	574	2	1118	61	0.59	2	574	2	1118	61	0.59
590	.	.	.	.	.	.	1	590	1	1171	.	0.57	1	590	1	1171	.	0.57
620	.	.	.	.	.	.	1	623	1	1526	.	0.63	1	623	1	1526	.	0.63
660	.	.	.	.	.	.	1	660	1	1917	.	0.67	1	660	1	1917	.	0.67
670	.	.	.	.	.	.	1	672	1	1972	.	0.65	1	672	1	1972	.	0.65
TOTAL/MEAN	70	445	70	632	241	0.67	90	485	90	759	301	0.63	160	468	160	703	283	0.65

Table 26. Length and weight data, by 10mm fork length intervals, for northern pike caught by gill nets in Dauphin Lake, fall, 1987.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
200	.	.	.	.	.	.	1	204	1	58	.	0.68	1	204	1	58	.	0.68
240	.	.	.	.	.	.	1	240	1	94	.	0.68	1	240	1	94	.	0.68
250	1	256	1	104	.	0.62	.	.	.	.	.	.	1	256	1	104	.	0.62
280	1	285	1	147	.	0.64	.	.	.	.	.	.	1	285	1	147	.	0.64
310	3	315	3	198	18	0.63	1	310	1	182	.	0.61	4	314	4	194	16	0.63
320	2	327	2	231	20	0.66	.	.	.	.	.	.	2	327	2	231	20	0.66
330	3	336	3	259	3	0.69	.	.	.	.	.	.	3	336	3	259	3	0.69
340	2	348	2	254	6	0.61	2	342	2	259	35	0.65	4	345	4	257	21	0.63
350	2	353	2	296	4	0.68	1	354	1	290	.	0.65	3	353	3	294	5	0.67
360	3	363	3	295	16	0.62	2	367	2	330	17	0.67	5	365	5	309	24	0.64
370	1	373	1	362	.	0.70	1	370	1	354	.	0.70	2	372	2	358	6	0.70
380	3	384	3	378	19	0.67	.	.	.	.	.	.	3	384	3	378	19	0.67
390	3	394	3	418	21	0.69	.	.	.	.	.	.	3	394	3	418	21	0.69
400	2	409	2	457	1	0.67	.	.	.	.	.	.	2	409	2	457	1	0.67
410	.	.	.	.	.	.	2	411	2	426	3	0.62	2	411	2	426	3	0.62
420	.	.	.	.	.	.	1	425	1	479	.	0.62	1	425	1	479	.	0.62
430	4	436	4	569	33	0.69	3	435	3	521	15	0.63	7	435	7	549	36	0.67
440	2	445	2	663	21	0.75	5	445	5	525	21	0.60	7	445	7	565	70	0.64
450	5	455	5	652	23	0.69	1	458	1	619	.	0.64	6	456	6	646	24	0.68
460	4	465	4	674	30	0.67	1	467	1	583	.	0.57	5	465	5	656	48	0.65
470	6	475	6	697	57	0.65	7	474	7	672	46	0.63	13	475	13	683	51	0.64
480	3	482	3	766	28	0.69	10	484	10	721	61	0.64	13	484	13	731	58	0.65
490	4	492	4	773	41	0.65	6	495	6	766	55	0.63	10	494	10	769	47	0.64
500	9	505	9	856	68	0.67	7	503	7	824	47	0.65	16	504	16	842	60	0.66
510	5	514	5	938	105	0.69	9	514	9	849	62	0.62	14	514	14	881	88	0.65
520	8	524	8	956	46	0.67	7	524	7	932	76	0.65	15	524	15	945	61	0.66
530	2	535	2	1015	101	0.66	12	536	12	1026	91	0.67	14	536	14	1024	88	0.67
540	.	.	.	.	.	.	7	545	7	1007	110	0.62	7	545	7	1007	110	0.62
550	1	552	1	1175	.	0.70	4	553	4	1111	98	0.66	5	553	5	1124	89	0.66
560	2	568	2	1199	89	0.66	9	565	9	1141	118	0.63	11	565	11	1151	112	0.64
570	.	.	.	.	.	.	2	575	2	1119	37	0.59	2	575	2	1119	37	0.59
580	.	.	.	.	.	.	2	581	2	1163	107	0.59	2	581	2	1163	107	0.59
590	.	.	.	.	.	.	2	597	2	1015	78	0.48	2	597	2	1015	78	0.48
600	.	.	.	.	.	.	3	603	3	1649	339	0.75	3	603	3	1649	339	0.75
610	.	.	.	.	.	.	5	611	5	1437	270	0.63	5	611	5	1437	270	0.63
640	.	.	.	.	.	.	1	645	1	1974	.	0.74	1	645	1	1974	.	0.74
690	.	.	.	.	.	.	1	694	1	2303	.	0.69	1	694	1	2303	.	0.69
710	.	.	.	.	.	.	1	713	1	2439	.	0.67	1	713	1	2439	.	0.67
740	.	.	.	.	.	.	1	741	1	2563	.	0.63	1	741	1	2563	.	0.63
TOTAL/MEAN	81	448	81	648	284	0.67	118	511	118	910	418	0.64	199	485	199	803	390	0.65

Table 27. Length and weight data, by 10mm fork length intervals, for northern pike caught by gill nets in Dauphin Lake, fall, 1988.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
200	1	209	1	63	.	0.69	1	200	1	53	.	0.66	2	205	2	58	7	0.68
210	2	214	2	65	0	0.67	.	.	.	.	.	.	2	214	2	65	0	0.67
220	1	223	1	82	.	0.74	.	.	.	.	.	.	1	223	1	82	.	0.74
230	.	.	.	.	.	.	1	233	1	87	.	0.69	1	233	1	87	.	0.69
250	1	258	1	122	.	0.71	.	.	.	.	.	.	1	258	1	122	.	0.71
260	1	269	1	143	.	0.73	.	.	.	.	.	.	1	269	1	143	.	0.73
280	3	284	3	162	30	0.71	.	.	.	.	.	.	3	284	3	162	30	0.71
310	1	310	1	212	.	0.71	.	.	.	.	.	.	1	310	1	212	.	0.71
340	1	345	1	318	.	0.77	.	.	.	.	.	.	1	345	1	318	.	0.77
350	1	356	1	319	.	0.71	.	.	.	.	.	.	1	356	1	319	.	0.71
380	1	389	1	437	.	0.74	.	.	.	.	.	.	1	389	1	437	.	0.74
390	3	392	3	393	70	0.65	1	398	1	449	.	0.71	4	394	4	407	64	0.67
400	2	405	2	432	1	0.65	2	407	2	461	11	0.69	4	406	4	446	18	0.67
410	4	415	4	526	29	0.74	.	.	.	.	.	.	4	415	4	526	29	0.74
420	2	424	2	543	4	0.71	1	420	1	601	.	0.81	3	423	3	562	34	0.75
430	5	436	5	621	68	0.75	3	438	3	559	79	0.67	8	437	8	598	74	0.72
440	6	443	6	630	40	0.73	1	446	1	579	.	0.65	7	443	7	622	41	0.72
450	6	454	6	650	39	0.70	3	453	3	663	69	0.71	9	453	9	655	47	0.70
460	15	464	15	733	52	0.73	4	464	4	692	24	0.70	19	464	19	724	50	0.72
470	9	474	9	777	55	0.73	2	476	2	799	74	0.74	11	475	11	781	55	0.73
480	9	484	9	816	37	0.72	5	485	5	757	42	0.66	14	484	14	795	47	0.70
490	5	494	5	867	74	0.72	8	494	8	839	29	0.69	13	494	13	850	50	0.70
500	6	504	6	892	78	0.70	6	503	6	896	125	0.70	12	504	12	894	99	0.70
510	11	515	11	1016	76	0.74	6	514	6	965	79	0.71	17	515	17	998	79	0.73
520	8	524	8	1043	57	0.72	8	525	8	1019	54	0.71	16	524	16	1031	55	0.72
530	11	533	11	1090	65	0.72	10	534	10	1028	52	0.68	21	534	21	1060	66	0.70
540	10	543	10	1158	45	0.72	7	546	7	1073	62	0.66	17	545	17	1123	66	0.70
550	3	552	3	1222	32	0.73	12	555	12	1167	46	0.68	15	555	15	1178	48	0.69
560	6	565	6	1290	77	0.72	11	565	11	1213	82	0.67	17	565	17	1240	86	0.69
570	.	.	.	.	.	.	6	575	6	1353	117	0.71	7	574	7	1334	119	0.70
580	1	588	1	1388	.	0.68	7	583	7	1331	70	0.67	8	584	8	1338	68	0.67
590	3	595	3	1498	123	0.71	10	595	10	1417	131	0.67	13	595	13	1435	129	0.68
600	.	.	.	.	.	.	11	605	11	1426	128	0.64	11	605	11	1426	128	0.64
610	.	.	.	.	.	.	5	613	5	1607	62	0.70	5	613	5	1607	62	0.70
620	.	.	.	.	.	.	4	624	4	1612	125	0.66	4	624	4	1612	125	0.66
630	.	.	.	.	.	.	6	636	6	1840	104	0.72	6	636	6	1840	104	0.72
640	.	.	.	.	.	.	2	641	2	1947	47	0.74	2	641	2	1947	47	0.74
650	.	.	.	.	.	.	4	655	4	2043	116	0.73	4	655	4	2043	116	0.73
660	.	.	.	.	.	.	2	668	2	2168	164	0.73	2	668	2	2168	164	0.73
760	.	.	.	.	.	.	1	762	1	3021	.	0.68	1	762	1	3021	.	0.68
790	.	.	.	.	.	.	1	795	1	3267	.	0.65	1	795	1	3267	.	0.65
850	.	.	.	.	.	.	1	856	1	4546	.	0.72	1	856	1	4546	.	0.72
TOTAL/MEAN	138	474	138	824	323	0.72	152	552	152	1222	532	0.69	291	515	291	1033	486	0.70

Table 28. Length and weight data, by 10mm fork length intervals, for northern pike caught by gill nets in Dauphin Lake, fall, 1989.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
280	1	288	1	147	.	0.62	.	.	.	.	.	.	1	288	1	147	.	0.62
310	2	317	2	221	16	0.70	.	.	.	.	.	.	2	317	2	221	16	0.70
320	1	326	1	253	.	0.73	.	.	.	.	.	.	1	326	1	253	.	0.73
350	2	355	2	299	1	0.67	1	356	1	286	.	0.63	3	355	3	295	8	0.66
360	1	369	1	333	.	0.66	.	.	.	.	.	.	1	369	1	333	.	0.66
370	3	378	3	363	3	0.67	1	374	1	333	.	0.64	4	377	4	355	15	0.66
380	2	387	2	406	9	0.70	2	386	2	391	16	0.68	4	386	4	398	14	0.69
390	2	391	2	391	2	0.65	1	392	1	423	.	0.70	3	391	3	401	19	0.67
400	1	400	1	460	.	0.72	2	406	2	458	35	0.68	3	404	3	459	25	0.70
410	3	417	3	494	14	0.68	.	.	.	.	.	.	3	417	3	494	14	0.68
420	1	427	1	609	.	0.78	2	426	2	537	31	0.69	3	426	3	561	47	0.72
430	3	438	3	615	77	0.73	.	.	.	.	.	.	3	438	3	615	77	0.73
440	2	444	2	647	11	0.74	2	442	2	601	45	0.70	4	443	4	624	38	0.72
450	2	459	2	654	8	0.68	.	.	.	.	.	.	2	459	2	654	8	0.68
460	1	467	1	676	.	0.66	.	.	.	.	.	.	1	467	1	676	.	0.66
470	3	475	3	804	41	0.75	1	475	1	769	.	0.72	4	475	4	796	38	0.74
480	3	485	3	770	13	0.67	1	489	1	809	.	0.69	4	486	4	780	22	0.68
490	7	495	7	863	65	0.71	.	.	.	.	.	.	7	495	7	863	65	0.71
500	5	504	5	958	97	0.75	1	504	1	907	.	0.71	6	504	6	950	89	0.74
510	3	514	3	1078	105	0.79	3	514	3	890	71	0.66	7	513	7	980	119	0.73
520	13	526	13	1068	72	0.73	2	524	2	1131	100	0.79	15	526	15	1076	75	0.74
530	7	533	7	1114	96	0.73	3	534	3	1016	48	0.67	10	534	10	1084	94	0.71
540	4	544	4	1188	62	0.74	2	546	2	1006	63	0.62	6	544	6	1127	109	0.70
550	7	554	7	1217	80	0.72	3	552	3	1119	78	0.67	10	553	10	1187	88	0.70
560	2	563	2	1306	173	0.73	1	564	1	1446	.	0.81	4	563	4	1359	121	0.76
570	4	573	4	1395	83	0.74	9	575	9	1370	104	0.72	13	574	13	1378	96	0.73
580	3	585	3	1454	94	0.73	3	584	3	1544	275	0.77	6	584	6	1499	191	0.75
590	.	.	.	.	.	.	3	592	3	1520	193	0.73	3	592	3	1520	193	0.73
600	1	601	1	1451	.	0.67	4	602	4	1519	70	0.70	5	602	5	1505	68	0.69
610	.	.	.	.	.	.	5	616	5	1634	173	0.70	5	616	5	1634	173	0.70
620	.	.	.	.	.	.	3	623	3	1705	18	0.70	3	623	3	1705	18	0.70
630	.	.	.	.	.	.	3	633	3	1794	95	0.71	3	633	3	1794	95	0.71
640	.	.	.	.	.	.	3	643	3	1832	24	0.69	4	644	4	1831	20	0.69
650	.	.	.	.	.	.	2	655	2	1968	199	0.70	2	655	2	1968	199	0.70
660	.	.	.	.	.	.	2	664	2	2144	154	0.73	2	664	2	2144	154	0.73
670	.	.	.	.	.	.	1	673	1	2122	.	0.70	1	673	1	2122	.	0.70
680	.	.	.	.	.	.	3	686	3	2291	134	0.71	3	686	3	2291	134	0.71
690	.	.	.	.	.	.	4	694	4	2372	197	0.71	4	694	4	2372	197	0.71
700	.	.	.	.	.	.	2	704	2	2440	176	0.70	2	704	2	2440	176	0.70
710	.	.	.	.	.	.	1	710	1	2516	.	0.70	1	710	1	2516	.	0.70
720	.	.	.	.	.	.	2	727	2	2833	23	0.74	2	727	2	2833	23	0.74
770	.	.	.	.	.	.	1	774	1	3313	.	0.71	1	774	1	3313	.	0.71
810	.	.	.	.	.	.	1	815	1	3747	.	0.69	1	815	1	3747	.	0.69
TOTAL/MEAN	89	489	89	897	352	0.72	80	583	80	1511	707	0.70	172	534	172	1191	625	0.71

Table 29. Length and weight data, by 10mm fork length intervals, for white sucker caught by gill nets in Dauphin Lake, summer, 1984.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
150	.	.	.	.	.	.	.	.	.	.	.	.	2	158	2	62	23	1.57
160	.	.	.	.	.	.	.	.	.	.	.	.	2	162	2	58	3	1.36
250	.	.	.	.	.	.	.	.	.	.	.	.	1	255	1	280	.	1.69
260	.	.	.	.	.	.	.	.	.	.	.	.	1	261	1	310	.	1.74
270	1	279	1	340	.	1.57	.	.	.	.	.	.	1	279	1	340	.	1.57
280	.	.	.	.	.	.	1	285	1	380	.	1.64	3	284	3	390	10	1.70
300	.	.	.	.	.	.	1	308	1	480	.	1.64	1	308	1	480	.	1.64
320	1	326	1	490	.	1.41	.	.	.	.	.	.	1	326	1	490	.	1.41
330	1	335	1	600	.	1.60	2	334	2	570	14	1.53	5	334	5	608	50	1.63
340	3	346	3	723	42	1.75	3	343	3	663	15	1.65	8	344	8	684	50	1.67
350	11	354	11	733	60	1.65	6	355	6	755	51	1.68	21	354	21	750	58	1.68
360	21	365	21	756	41	1.55	7	362	7	743	39	1.58	31	364	31	767	55	1.59
370	16	375	16	826	56	1.56	10	372	10	839	51	1.62	31	374	31	844	61	1.61
380	19	384	19	907	56	1.60	16	384	15	908	62	1.60	37	384	36	905	57	1.60
390	7	395	7	924	44	1.49	19	394	19	939	89	1.54	27	394	27	937	78	1.53
400	9	403	9	1017	77	1.56	10	403	10	1018	115	1.56	19	403	19	1018	96	1.56
410	5	412	4	1100	50	1.57	6	416	6	1140	63	1.59	11	414	10	1124	59	1.58
420	5	422	5	1170	103	1.55	1	424	1	1100	.	1.44	6	423	6	1158	96	1.54
430	2	434	2	1160	42	1.42	9	434	9	1222	110	1.50	11	434	11	1210	103	1.48
440	.	.	.	.	.	.	3	447	3	1310	17	1.46	3	447	3	1310	17	1.46
450	.	.	.	.	.	.	7	455	7	1326	142	1.41	7	455	7	1326	142	1.41
460	.	.	.	.	.	.	4	464	4	1495	66	1.50	4	464	4	1495	66	1.50
470	.	.	.	.	.	.	1	473	1	1830	.	1.73	1	473	1	1830	.	1.73
480	.	.	.	.	.	.	1	480	1	1610	.	1.46	1	480	1	1610	.	1.46
490	.	.	.	.	.	.	.	.	.	.	.	.	1	495	1	1920	.	1.58
TOTAL/MEAN	101	379	100	862	156	1.57	107	397	106	994	256	1.56	236	381	234	901	261	1.58

Table 30. Length and weight data, by 10mm fork length intervals, for white sucker caught by gill nets in Dauphin Lake, fall, 1984.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
140	1	147	1	42	.	1.32	1	147	1	47	.	1.48	2	147	2	45	4	1.40
150	.	.	.	.	.	.	1	155	1	46	.	1.24	3	157	3	46	4	1.18
240	3	244	3	205	16	1.41	1	241	1	196	.	1.40	4	243	4	203	14	1.41
250	1	254	1	227	.	1.39	1	255	1	214	.	1.29	2	255	2	221	9	1.34
330	.	.	.	.	.	.	3	334	3	603	34	1.62	3	334	3	603	34	1.62
340	1	342	1	572	.	1.43	1	340	1	578	.	1.47	2	341	2	575	4	1.45
350	2	355	2	679	26	1.52	.	.	.	.	.	.	2	355	2	679	26	1.52
360	5	364	5	787	81	1.63	2	365	2	686	49	1.42	7	364	7	758	85	1.57
370	5	375	5	830	29	1.57	1	376	1	851	.	1.60	6	375	6	834	27	1.58
380	4	384	4	847	64	1.50	4	385	4	948	55	1.66	8	384	8	898	77	1.58
390	4	394	4	993	37	1.83	3	393	3	955	52	1.57	7	394	7	977	44	1.60
400	5	406	5	993	66	1.49	4	404	4	1083	40	1.65	9	405	9	1033	71	1.56
410	5	415	5	1149	51	1.61	7	413	7	1098	85	1.55	12	414	12	1119	74	1.58
420	1	421	1	1129	.	1.51	2	426	2	1137	9	1.48	3	424	3	1134	8	1.49
430	2	433	2	1299	40	1.60	2	436	2	1283	54	1.55	4	435	4	1291	40	1.57
440	.	.	.	.	.	.	1	449	1	1547	.	1.71	1	449	1	1547	.	1.71
450	1	450	1	1438	.	1.58	3	454	3	1660	98	1.77	4	453	4	1604	136	1.72
460	.	.	.	.	.	.	2	467	2	1685	13	1.65	3	466	3	1652	57	1.63
470	.	.	.	.	.	.	2	474	2	1833	11	1.72	2	474	2	1833	11	1.72
480	.	.	.	.	.	.	2	486	2	1829	16	1.59	2	486	2	1829	16	1.59
TOTAL/MEAN	40	371	40	853	320	1.54	43	392	43	1066	475	1.58	86	378	86	949	440	1.55

Table 31. Length and weight data, by 10mm fork length intervals, for white sucker caught by gill nets in Dauphin Lake, spring, 1985.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
150	1	151	1	46	.	1.34	.	.	.	.	.	.	1	151	1	46	.	1.34
160	1	163	1	60	.	1.39	1	168	1	64	.	1.35	2	166	2	62	3	1.37
170	1	172	1	66	.	1.30	1	171	1	62	.	1.24	2	172	2	64	3	1.27
230	.	.	.	.	.	.	1	238	1	180	.	1.34	1	238	1	180	.	1.34
240	1	248	1	211	.	1.38	1	245	1	197	.	1.34	2	247	2	204	10	1.36
250	1	254	1	247	.	1.51	.	.	.	.	.	.	1	254	1	247	.	1.51
260	1	268	1	295	.	1.53	1	264	1	267	.	1.45	2	266	2	281	20	1.49
270	1	279	1	328	.	1.51	.	.	.	.	.	.	1	279	1	328	.	1.51
280	.	.	.	.	.	.	1	285	1	332	.	1.43	1	285	1	332	.	1.43
340	2	346	2	684	84	1.65	4	346	4	695	42	1.68	6	346	6	691	50	1.67
350	6	356	6	693	41	1.53	1	355	1	682	.	1.52	7	356	7	691	37	1.53
360	8	363	8	741	40	1.55	5	366	5	801	85	1.63	13	364	13	764	65	1.58
370	12	372	12	787	45	1.53	6	374	6	851	82	1.63	18	373	18	808	65	1.56
380	9	385	9	849	87	1.49	5	386	5	877	81	1.53	14	385	14	859	83	1.50
390	17	395	17	918	51	1.49	6	394	6	960	75	1.56	23	395	23	929	59	1.51
400	8	402	8	935	46	1.44	7	405	7	1021	64	1.53	15	404	15	975	69	1.48
410	6	414	6	1002	103	1.41	20	416	20	1093	72	1.52	26	415	26	1072	87	1.50
420	6	425	6	1187	89	1.55	5	422	5	1134	37	1.51	11	424	11	1163	72	1.53
430	1	430	1	1131	.	1.42	8	435	8	1191	79	1.45	9	434	9	1184	76	1.44
440	1	446	1	1300	.	1.47	.	.	.	.	.	.	1	446	1	1300	.	1.47
450	1	451	1	1342	.	1.46	9	453	9	1408	85	1.52	10	452	10	1402	83	1.51
460	.	.	.	.	.	.	6	464	6	1458	77	1.46	6	464	6	1458	77	1.46
470	.	.	.	.	.	.	1	470	1	1422	.	1.37	1	470	1	1422	.	1.37
480	.	.	.	.	.	.	2	481	2	1802	93	1.62	2	481	2	1802	93	1.62
TOTAL/MEAN	84	375	84	831	253	1.49	91	401	91	1038	333	1.52	175	389	175	938	314	1.51

Table 32. Length and weight data, by 10mm fork length intervals, for white sucker caught by gill nets in Dauphin Lake, summer, 1985.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
150	.	.	.	.	.	.	1	158	1	47	.	1.19	1	158	1	47	.	1.19
160	.	.	.	.	.	.	2	164	2	54	9	1.21	2	164	2	54	9	1.21
170	.	.	.	.	.	.	1	173	1	63	.	1.22	1	173	1	63	.	1.22
240	.	.	.	.	.	.	2	245	2	209	8	1.42	2	245	2	209	8	1.42
260	3	265	3	243	15	1.31	.	.	.	.	.	.	3	265	3	243	15	1.31
270	2	274	2	291	2	1.42	3	274	3	289	25	1.40	5	274	5	290	17	1.41
290	1	292	1	377	.	1.51	2	292	2	389	43	1.56	3	292	3	385	31	1.54
320	1	328	1	468	.	1.33	.	.	.	.	.	.	1	328	1	468	.	1.33
330	1	334	1	581	.	1.56	.	.	.	.	.	.	1	334	1	581	.	1.56
340	2	347	2	672	79	1.61	.	.	.	.	.	.	2	347	2	672	79	1.61
350	2	357	2	671	15	1.47	.	.	.	.	.	.	2	357	2	671	15	1.47
360	2	361	2	693	25	1.48	2	363	2	719	13	1.51	4	362	4	706	22	1.49
370	6	374	6	765	64	1.46	5	375	5	796	62	1.50	11	375	11	779	62	1.48
380	4	384	4	792	48	1.40	2	383	2	857	72	1.53	6	384	6	814	60	1.44
390	5	395	5	865	71	1.41	1	398	1	864	.	1.37	6	395	6	865	64	1.40
400	7	405	7	962	58	1.45	5	405	5	1011	33	1.52	12	405	12	983	53	1.48
410	4	414	4	1043	93	1.47	8	414	8	1015	82	1.43	12	414	12	1024	82	1.45
420	1	428	1	1180	.	1.51	4	424	4	1112	67	1.46	5	425	5	1126	66	1.47
430	2	431	2	1134	131	1.42	5	432	5	1183	104	1.46	7	432	7	1169	103	1.45
440	.	.	.	.	.	.	5	442	5	1281	80	1.48	5	442	5	1281	80	1.48
450	.	.	.	.	.	.	1	454	1	1640	.	1.75	1	454	1	1640	.	1.75
460	.	.	.	.	.	.	4	464	4	1360	105	1.36	4	464	4	1360	105	1.36
470	.	.	.	.	.	.	2	476	2	1490	40	1.39	2	476	2	1490	40	1.39
TOTAL/MEAN	43	371	43	773	257	1.44	55	382	55	914	416	1.45	98	377	98	852	360	1.45

Table 33. Length and weight data, by 10mm fork length intervals, for white sucker caught by gill nets in Dauphin Lake, fall, 1985.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
260	1	267	1	247	.	1.30	.	.	.	.	.	.	1	267	1	247	.	1.30
310	.	.	.	.	.	.	1	313	1	463	.	1.51	1	313	1	463	.	1.51
320	.	.	.	.	.	.	2	324	2	508	0	1.50	2	324	2	508	0	1.50
330	1	334	1	544	.	1.46	.	.	.	.	.	.	1	334	1	544	.	1.46
340	.	.	.	.	.	.	1	349	1	632	.	1.49	1	349	1	632	.	1.49
350	4	356	4	714	79	1.59	1	359	1	642	.	1.39	5	356	5	699	75	1.55
360	3	363	3	780	63	1.63	.	.	.	.	.	.	3	363	3	780	63	1.63
370	6	376	6	789	58	1.49	2	375	2	755	4	1.44	8	375	8	781	52	1.47
380	4	385	4	880	45	1.54	2	387	2	896	74	1.55	6	386	6	885	48	1.55
390	12	394	12	910	30	1.49	1	390	1	890	.	1.50	13	394	13	909	29	1.49
400	5	403	5	1024	49	1.57	5	405	5	1034	58	1.56	10	404	10	1029	51	1.56
410	.	.	.	.	.	.	3	414	3	1123	82	1.59	3	414	3	1123	82	1.59
420	2	425	2	1107	18	1.44	3	426	3	1138	61	1.47	5	426	5	1125	47	1.46
430	.	.	.	.	.	.	1	437	1	1292	.	1.55	1	437	1	1292	.	1.55
440	1	442	1	1458	.	1.69	.	.	.	.	.	.	1	442	1	1458	.	1.69
450	.	.	.	.	.	.	1	457	1	1192	.	1.25	1	457	1	1192	.	1.25
460	.	.	.	.	.	.	1	465	1	1660	.	1.65	1	465	1	1660	.	1.65
470	.	.	.	.	.	.	1	471	1	1739	.	1.66	1	471	1	1739	.	1.66
480	.	.	.	.	.	.	3	481	3	1813	42	1.63	3	481	3	1813	42	1.63
TOTAL/MEAN	39	383	39	871	186	1.52	28	407	28	1079	397	1.53	67	393	67	958	309	1.52

Table 34. Length and weight data, by 10mm fork length intervals, for white sucker caught by gill nets in Dauphin Lake, spring, 1986.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
220	1	229	1	167	.	1.39	.	.	.	.	.	.	1	229	1	167	.	1.39
230	1	233	1	174	.	1.38	.	.	.	.	.	.	1	233	1	174	.	1.38
240	2	246	2	218	12	1.46	.	.	.	.	.	.	2	246	2	218	12	1.46
250	2	258	2	249	1	1.46	4	254	4	238	15	1.46	6	255	6	242	13	1.46
260	1	268	1	249	.	1.29	.	.	.	.	.	.	1	268	1	249	.	1.29
270	1	277	1	290	.	1.36	3	276	3	291	5	1.39	4	276	4	291	4	1.38
280	5	285	5	339	21	1.47	.	.	.	.	.	.	5	285	5	339	21	1.47
290	4	295	4	366	21	1.43	2	297	2	375	18	1.43	6	296	6	369	19	1.43
300	5	305	5	400	37	1.41	4	303	4	398	37	1.43	9	304	9	399	35	1.42
310	5	315	5	458	29	1.46	4	315	4	475	27	1.52	9	315	9	466	28	1.49
320	1	325	1	507	.	1.48	5	324	5	514	40	1.51	6	325	6	513	36	1.50
330	5	334	5	555	31	1.49	1	332	1	651	.	1.78	6	334	6	571	48	1.54
340	7	346	7	596	24	1.44	5	344	5	592	53	1.46	12	345	12	594	37	1.45
350	7	355	7	659	79	1.47	5	353	5	626	43	1.42	12	354	12	645	66	1.45
360	9	366	9	675	52	1.37	8	364	8	716	51	1.49	17	365	17	694	54	1.43
370	14	375	14	730	50	1.38	3	378	3	814	41	1.51	17	376	17	745	57	1.41
380	19	384	19	802	66	1.41	14	384	14	823	52	1.46	33	384	33	811	61	1.43
390	11	396	11	848	56	1.37	12	396	12	888	83	1.43	23	396	23	869	73	1.40
400	16	404	16	894	54	1.36	14	404	14	873	50	1.33	30	404	30	884	52	1.34
410	17	413	17	991	63	1.40	12	414	12	977	50	1.37	29	414	29	985	58	1.39
420	10	424	10	1040	71	1.37	11	425	11	1046	61	1.36	21	424	21	1043	64	1.37
430	5	433	5	1158	61	1.42	11	433	11	1095	80	1.35	16	433	16	1115	79	1.37
440	3	444	3	1178	91	1.35	8	444	8	1218	95	1.40	11	444	11	1207	91	1.38
450	.	.	.	.	.	.	6	456	6	1299	152	1.38	6	456	6	1299	152	1.38
460	.	.	.	.	.	.	3	467	3	1356	48	1.33	3	467	3	1356	48	1.33
470	.	.	.	.	.	.	1	474	1	1601	.	1.50	1	474	1	1601	.	1.50
480	.	.	.	.	.	.	2	486	2	1451	142	1.27	2	486	2	1451	142	1.27
TOTAL/MEAN	151	371	151	749	249	1.40	138	389	138	865	293	1.41	289	380	289	804	277	1.41

Table 35. Length and weight data, by 10mm fork length intervals, for white sucker caught by gill nets in Dauphin Lake, summer, 1986.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
160	1	166	1	62	.	1.36	.	.	.	.	.	.	2	164	2	63	1	1.42
220	.	.	.	.	.	.	1	228	1	182	.	1.54	1	228	1	182	.	1.54
240	1	246	1	195	.	1.31	.	.	.	.	.	.	1	246	1	195	.	1.31
250	1	256	1	236	.	1.41	.	.	.	.	.	.	1	256	1	236	.	1.41
260	1	264	1	237	.	1.29	1	262	1	249	.	1.38	2	263	2	243	8	1.34
270	2	273	2	259	1	1.28	.	.	.	.	.	.	2	273	2	259	1	1.28
280	.	.	.	.	.	.	2	284	2	322	36	1.40	2	284	2	322	36	1.40
290	2	295	2	333	16	1.30	1	297	1	398	.	1.52	3	295	3	354	40	1.37
300	4	303	4	440	65	1.58	.	.	.	.	.	.	4	303	4	440	65	1.58
310	.	.	.	.	.	.	1	314	1	460	.	1.49	1	314	1	460	.	1.49
320	1	328	1	541	.	1.53	1	325	1	497	.	1.45	2	327	2	519	31	1.49
330	4	335	4	592	29	1.57	4	335	4	577	29	1.54	8	335	8	584	28	1.56
340	9	344	9	604	43	1.48	1	345	1	621	.	1.51	10	344	10	606	41	1.49
350	7	355	7	652	53	1.45	8	355	8	644	43	1.44	15	355	15	648	46	1.45
360	13	364	13	730	60	1.51	4	365	4	745	78	1.53	17	364	17	734	62	1.52
370	11	375	11	803	46	1.53	4	377	4	770	60	1.44	15	375	15	794	50	1.50
380	16	384	16	802	58	1.42	2	381	2	782	16	1.41	18	384	18	800	55	1.42
390	10	392	10	915	55	1.52	5	394	5	879	53	1.43	15	393	15	903	55	1.49
400	9	404	9	942	89	1.43	4	402	4	935	6	1.44	13	403	13	940	73	1.44
410	10	414	10	1045	75	1.47	12	414	12	1011	47	1.42	22	414	22	1026	62	1.45
420	3	423	2	1075	57	1.41	8	425	8	1081	58	1.40	11	425	10	1080	54	1.41
430	2	430	2	1114	44	1.40	7	435	7	1154	92	1.40	9	434	9	1145	83	1.40
440	1	440	1	1134	.	1.33	8	445	8	1254	98	1.42	9	445	9	1240	100	1.41
450	1	455	1	1325	.	1.41	2	456	2	1326	170	1.40	3	456	3	1326	120	1.40
460	.	.	.	.	.	.	1	463	1	1443	.	1.45	1	463	1	1443	.	1.45
490	.	.	.	.	.	.	1	492	1	1588	.	1.33	1	492	1	1588	.	1.33
510	.	.	.	.	.	.	1	510	1	1990	.	1.50	1	510	1	1990	.	1.50
TOTAL/MEAN	109	369	108	765	231	1.47	79	395	79	922	317	1.44	189	379	188	827	286	1.46

Table 36. Length and weight data, by 10mm fork length intervals, for white sucker caught by gill nets in Dauphin Lake, fall, 1986.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
.	0	.	1	829	.	.	.	.	.	.	.	.	0	.	1	829	.	.
140	.	.	.	.	.	.	.	.	.	.	.	.	1	143	1	37	.	1.27
250	1	251	1	238	.	1.51	.	.	.	.	.	.	1	251	1	238	.	1.51
290	.	.	.	.	.	.	.	.	.	.	.	.	1	298	1	401	.	1.52
310	1	318	1	570	.	1.77	.	.	.	.	.	.	1	318	1	570	.	1.77
320	1	324	1	421	.	1.24	.	.	.	.	.	.	1	324	1	421	.	1.24
330	1	338	1	551	.	1.43	2	333	2	538	7	1.46	3	335	3	542	9	1.45
340	2	345	2	568	8	1.39	1	343	1	599	.	1.48	3	344	3	578	19	1.42
350	1	355	1	719	.	1.61	1	353	1	636	.	1.45	2	354	2	678	59	1.53
360	8	365	8	766	79	1.58	.	.	.	.	.	.	8	365	8	766	79	1.58
370	18	375	18	809	58	1.54	5	372	5	785	71	1.53	23	374	23	804	60	1.54
380	20	384	20	854	49	1.51	5	384	5	902	71	1.59	25	384	25	863	56	1.52
390	17	393	17	916	49	1.51	10	393	10	950	66	1.56	28	393	28	929	56	1.53
400	11	405	11	1014	79	1.53	14	404	14	984	53	1.49	25	405	25	997	66	1.51
410	12	414	12	1074	62	1.51	13	414	13	1095	51	1.54	25	414	25	1085	56	1.53
420	6	424	6	1126	64	1.48	7	424	7	1159	42	1.52	13	424	13	1144	54	1.50
430	6	434	6	1154	86	1.42	9	435	9	1238	66	1.51	15	434	15	1205	83	1.47
440	1	446	1	1340	.	1.51	6	442	6	1340	159	1.55	7	443	7	1340	146	1.54
450	.	.	.	.	.	.	2	451	2	1221	262	1.33	2	451	2	1221	262	1.33
460	.	.	.	.	.	.	3	463	3	1597	129	1.61	3	463	3	1597	129	1.61
470	.	.	.	.	.	.	1	477	1	1501	.	1.38	1	477	1	1501	.	1.38
490	.	.	.	.	.	.	2	497	2	1765	146	1.44	2	497	2	1765	146	1.44
500	.	.	.	.	.	.	1	501	1	1875	.	1.49	1	501	1	1875	.	1.49
TOTAL/MEAN	106	390	107	905	175	.51	82	414	82	1094	263	1.52	191	398	192	979	248	1.51

Table 37. Length and weight data, by 10mm fork length intervals, for white sucker caught by gill nets in Dauphin Lake, spring, 1987.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
150	.	.	.	.	.	.	1	158	1	52	.	1.32	1	158	1	52	.	1.32
170	1	175	1	69	.	1.29	.	.	.	.	.	.	1	175	1	69	.	1.29
190	1	191	1	110	.	1.58	.	.	.	.	.	.	1	191	1	110	.	1.58
250	1	255	1	230	.	1.39	1	251	1	212	.	1.34	2	253	2	221	13	1.36
260	.	.	.	.	.	.	1	269	1	292	.	1.50	1	269	1	292	.	1.50
270	2	279	2	316	10	1.46	.	.	.	.	.	.	2	279	2	316	10	1.46
280	1	280	1	333	.	1.52	.	.	.	.	.	.	1	280	1	333	.	1.52
290	2	298	2	411	2	1.55	1	296	1	403	.	1.55	3	297	3	408	5	1.55
300	3	304	3	411	8	1.46	.	.	.	.	.	.	3	304	3	411	8	1.46
310	1	318	1	551	.	1.71	2	316	2	470	3	1.50	3	316	3	497	47	1.57
320	2	329	2	536	17	1.51	1	328	1	568	.	1.61	3	329	3	547	22	1.54
330	8	333	8	562	36	1.52	1	332	1	579	.	1.58	9	333	9	563	34	1.53
340	9	344	9	587	31	1.45	4	345	4	637	34	1.55	13	344	13	603	39	1.48
350	5	353	5	645	25	1.46	4	356	4	694	56	1.54	9	354	9	667	47	1.50
360	12	364	12	705	53	1.46	9	364	9	723	55	1.51	21	364	21	713	53	1.48
370	18	374	18	763	39	1.46	12	377	12	782	56	1.46	30	375	30	771	47	1.46
380	12	383	12	826	54	1.47	11	384	11	865	71	1.53	23	383	23	845	65	1.50
390	16	394	16	864	45	1.41	10	393	10	899	48	1.48	26	394	26	878	49	1.44
400	15	403	15	918	62	1.40	19	405	19	976	71	1.47	34	404	34	950	72	1.44
410	10	415	10	1007	88	1.41	10	413	10	1026	59	1.46	20	414	20	1016	74	1.44
420	5	424	5	992	103	1.30	10	424	10	1068	40	1.40	15	424	15	1043	74	1.37
430	3	431	3	1087	106	1.36	8	434	8	1145	72	1.40	11	433	11	1129	81	1.39
440	.	.	.	.	.	.	7	444	7	1198	109	1.37	7	444	7	1198	109	1.37
460	.	.	.	.	.	.	4	465	4	1333	83	1.33	4	465	4	1333	83	1.33
470	.	.	.	.	.	.	1	476	1	1438	.	1.33	1	476	1	1438	.	1.33
480	.	.	.	.	.	.	1	489	1	1107	.	0.95	1	489	1	1107	.	0.95
TOTAL/MEAN	127	371	127	756	206	1.44	118	394	118	913	234	1.46	245	382	245	832	233	1.45

Table 38. Length and weight data, by 10mm fork length intervals, for white sucker caught by gill nets in Dauphin Lake, summer, 1987.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
250	1	257	1	244	.	1.44	.	.	.	.	.	.	1	257	1	244	.	1.44
300	4	305	4	425	33	1.49	1	308	1	377	.	1.29	5	306	5	415	35	1.45
310	1	311	1	395	.	1.31	.	.	.	.	.	.	1	311	1	395	.	1.31
320	1	327	1	462	.	1.32	3	326	3	495	43	1.44	4	326	4	487	39	1.41
330	5	335	5	513	42	1.37	1	335	1	501	.	1.33	6	335	6	511	38	1.36
340	6	346	6	600	54	1.45	3	345	3	567	48	1.38	9	345	9	589	52	1.43
350	7	354	7	622	71	1.40	9	355	9	617	40	1.39	16	354	16	620	54	1.39
360	9	363	9	681	41	1.43	9	365	9	661	40	1.36	18	364	18	671	41	1.39
370	9	375	9	707	53	1.35	8	374	8	742	60	1.42	17	374	17	723	58	1.38
380	17	385	17	776	44	1.36	16	385	16	802	64	1.41	33	385	33	788	55	1.38
390	12	395	12	851	56	1.38	12	394	12	810	62	1.33	24	394	24	830	61	1.35
400	12	403	12	847	69	1.29	10	405	10	886	107	1.34	22	404	22	865	88	1.31
410	9	413	9	932	55	1.33	13	413	13	907	104	1.28	22	413	22	917	86	1.30
420	6	423	6	930	100	1.23	10	423	10	992	103	1.31	16	423	16	969	104	1.28
430	3	437	3	1047	62	1.25	7	435	7	1043	47	1.27	10	436	10	1044	48	1.26
440	.	.	.	.	.	.	6	444	6	1121	93	1.28	6	444	6	1121	93	1.28
450	.	.	.	.	.	.	1	452	1	1090	.	1.18	1	452	1	1090	.	1.18
460	.	.	.	.	.	.	3	465	3	1233	77	1.22	3	465	3	1233	77	1.22
490	.	.	.	.	.	.	1	490	1	1277	.	1.09	1	490	1	1277	.	1.09
TOTAL/MEAN	102	379	102	750	166	1.36	113	396	113	838	192	1.34	215	388	215	796	185	1.35

Table 39. Length and weight data, by 10mm fork length intervals, for white sucker caught by gill nets in Dauphin Lake, fall, 1987.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
150	1	157	1	52	.	1.34	1	159	1	52	.	1.29	2	158	2	52	0	1.32
160	1	167	1	61	.	1.31	.	.	.	.	.	.	1	167	1	61	.	1.31
250	1	253	1	230	.	1.42	.	.	.	.	.	.	1	253	1	230	.	1.42
320	1	321	1	491	.	1.48	.	.	.	.	.	.	1	321	1	491	.	1.48
330	.	.	.	.	.	.	1	334	1	541	.	1.45	1	334	1	541	.	1.45
340	4	345	4	631	46	1.54	.	.	.	.	.	.	4	345	4	631	46	1.54
350	8	357	8	750	42	1.65	.	.	.	.	.	.	8	357	8	750	42	1.65
360	10	365	10	747	50	1.54	2	362	2	701	8	1.48	12	364	12	739	49	1.53
370	19	375	19	812	38	1.54	2	377	2	816	24	1.52	21	375	21	812	37	1.54
380	22	385	22	891	60	1.56	4	386	4	863	54	1.51	26	385	26	887	59	1.55
390	19	394	19	914	73	1.50	20	394	20	955	65	1.56	39	394	39	935	71	1.53
400	35	404	35	980	55	1.49	23	405	23	1013	47	1.53	58	404	58	993	54	1.50
410	19	413	19	1048	98	1.48	19	415	19	1065	84	1.49	38	414	38	1056	90	1.49
420	11	423	11	1103	63	1.45	14	424	14	1066	103	1.40	25	424	25	1082	88	1.42
430	4	432	4	1130	80	1.40	6	435	6	1159	66	1.40	10	434	10	1147	69	1.40
440	1	441	1	1108	.	1.29	5	444	5	1276	43	1.46	6	443	6	1248	78	1.43
450	.	.	.	.	.	.	7	454	7	1381	59	1.47	7	454	7	1381	59	1.47
480	.	.	.	.	.	.	2	485	2	1465	191	1.29	2	485	2	1465	191	1.29
TOTAL/MEAN	156	389	156	905	176	1.51	106	410	106	1043	192	1.49	262	398	262	961	195	1.50

Table 40. Length and weight data, by 10mm fork length intervals, for white sucker caught by gill nets in Dauphin Lake, fall, 1988.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
140	.	.	.	.	.	.	1	141	1	36	.	1.28	1	141	1	36	.	1.28
150	2	155	2	51	4	1.37	2	153	2	47	6	1.31	4	154	4	49	5	1.34
160	3	164	3	57	6	1.29	1	162	1	55	.	1.29	4	164	4	57	5	1.29
170	1	176	1	71	.	1.30	2	172	2	64	3	1.27	3	173	3	66	5	1.28
180	1	181	1	83	.	1.40	1	180	1	84	.	1.44	2	181	2	84	1	1.42
230	.	.	.	.	.	.	1	230	1	173	.	1.42	1	230	1	173	.	1.42
240	2	242	2	206	7	1.46	1	244	1	219	.	1.51	3	242	3	210	9	1.48
250	1	250	1	234	.	1.50	.	.	.	.	.	.	1	250	1	234	.	1.50
330	1	331	1	569	.	1.57	.	.	.	.	.	.	1	331	1	569	.	1.57
340	3	347	3	622	24	1.49	.	.	.	.	.	.	3	347	3	622	24	1.49
350	2	357	2	736	35	1.62	1	358	1	683	.	1.49	3	357	3	718	39	1.57
360	4	366	4	768	46	1.56	3	365	3	801	7	1.65	7	366	7	782	37	1.60
370	7	374	7	801	99	1.52	6	374	6	858	53	1.65	13	374	13	827	83	1.58
380	12	385	12	885	36	1.55	6	385	6	940	37	1.65	18	385	18	903	44	1.58
390	19	395	19	917	84	1.49	13	395	13	960	59	1.56	32	395	32	934	77	1.52
400	5	404	5	1040	70	1.58	13	405	13	1016	46	1.53	18	405	18	1023	53	1.55
410	6	413	6	1002	101	1.42	6	413	6	1135	86	1.61	12	413	12	1068	113	1.51
420	.	.	.	.	.	.	11	424	11	1173	68	1.54	11	424	11	1173	68	1.54
430	2	434	2	1208	66	1.48	4	435	4	1246	86	1.52	6	434	6	1233	76	1.50
440	1	445	1	1250	.	1.42	.	.	.	.	.	.	1	445	1	1250	.	1.42
450	.	.	.	.	.	.	4	455	4	1519	113	1.61	4	455	4	1519	113	1.61
460	1	460	1	1252	.	1.29	1	463	1	1593	.	1.60	2	462	2	1423	241	1.45
TOTAL/MEAN	73	363	73	792	310	1.49	77	379	77	944	363	1.55	150	371	150	870	346	1.52

Table 41. Length and weight data, by 10mm fork length intervals, for white sucker caught by gill nets in Dauphin Lake, fall, 1989.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
130	1	131	1	32	.	1.42	.	.	.	.	.	.	1	131	1	32	.	1.42
150	1	150	1	46	.	1.36	.	.	.	.	.	.	1	150	1	46	.	1.36
160	1	161	1	53	.	1.27	.	.	.	.	.	.	1	161	1	53	.	1.27
170	.	.	.	.	.	.	1	170	1	69	.	1.40	1	170	1	69	.	1.40
180	1	182	1	85	.	1.41	.	.	.	.	.	.	1	182	1	85	.	1.41
190	1	191	1	103	.	1.48	.	.	.	.	.	.	1	191	1	103	.	1.48
220	2	229	2	191	11	1.60	.	.	.	.	.	.	2	229	2	191	11	1.60
260	1	292	1	398	.	1.60	.	.	.	.	.	.	1	292	1	398	.	1.60
350	1	358	1	813	.	1.77	.	.	.	.	.	.	1	358	1	813	.	1.77
360	2	367	2	779	13	1.58	.	.	.	.	.	.	2	367	2	779	13	1.58
370	4	374	4	829	26	1.59	.	.	.	.	.	.	4	374	4	829	26	1.59
380	7	384	7	926	51	1.63	1	386	1	1053	.	1.83	8	385	8	942	65	1.65
390	10	394	10	980	76	1.60	3	395	3	987	40	1.60	13	394	13	981	68	1.60
400	16	405	16	1035	80	1.56	3	405	3	1106	49	1.66	19	405	19	1046	80	1.58
410	11	413	11	1076	79	1.53	9	416	9	1206	198	1.67	20	414	20	1135	156	1.59
420	9	424	9	1121	77	1.47	8	423	8	1209	41	1.60	17	424	17	1162	76	1.53
430	2	431	2	1261	262	1.58	7	433	7	1259	79	1.55	9	433	9	1259	115	1.56
440	.	.	.	.	.	.	4	445	4	1382	108	1.56	4	445	4	1382	108	1.56
450	.	.	.	.	.	.	2	457	2	1543	173	1.62	2	457	2	1543	173	1.62
TOTAL/MEAN	70	378	70	915	308	1.55	38	416	38	1193	249	1.61	108	392	108	1013	317	1.57

Table 42. Length and weight data, by 10mm fork length intervals, for shorthead redhorse caught by gill nets in Dauphin Lake, summer, 1984.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
140	1	147	1	46	.	1.45	1	144	1	42	.	1.41	3	146	3	45	2	1.42
150	.	.	.	.	.	.	1	154	1	51	.	1.40	4	154	4	55	3	1.52
160	1	163	1	68	.	1.57	.	.	.	.	.	.	1	163	1	68	.	1.57
170	.	.	.	.	.	.	.	.	.	.	.	.	1	177	1	79	.	1.42
180	1	185	1	95	.	1.50	1	189	1	96	.	1.42	2	187	2	96	1	1.46
210	.	.	.	.	.	.	.	.	.	.	.	.	2	212	2	150	0	1.59
220	.	.	.	.	.	.	1	220	1	155	.	1.46	1	220	1	155	.	1.46
230	1	235	1	240	.	1.83	.	.	.	.	.	.	1	236	1	240	.	1.83
260	1	264	1	250	.	1.36	1	265	1	330	.	1.77	2	265	2	290	57	1.57
270	.	.	.	.	.	.	.	.	.	.	.	.	3	274	3	337	31	1.64
280	2	285	2	340	85	1.46	3	286	3	353	81	1.51	7	284	7	349	61	1.52
290	1	296	1	470	.	1.81	3	294	3	397	29	1.57	6	293	6	412	35	1.64
300	1	304	1	510	.	1.82	2	304	2	430	57	1.53	8	304	8	459	50	1.64
310	2	313	2	465	78	1.51	2	314	2	508	25	1.65	10	315	10	518	45	1.65
320	4	324	4	533	24	1.57	2	321	2	535	35	1.63	7	322	7	544	36	1.62
330	5	335	5	620	57	1.65	2	333	2	570	71	1.54	7	334	7	606	60	1.62
340	4	344	4	620	117	1.52	.	.	.	.	.	.	4	344	4	620	117	1.52
350	2	353	2	710	57	1.62	5	353	5	747	19	1.70	7	353	7	736	33	1.68
370	.	.	.	.	.	.	1	370	1	890	.	1.76	1	370	1	890	.	1.76
380	.	.	.	.	.	.	1	386	1	1010	.	1.76	2	388	2	1035	35	1.78
390	2	395	2	945	78	1.54	2	394	2	1005	7	1.65	4	394	4	975	57	1.59
420	.	.	.	.	.	.	1	422	1	1200	.	1.60	1	422	1	1200	.	1.60
TOTAL/MEAN	28	308	28	511	230	1.58	29	310	29	547	300	1.60	84	297	84	482	262	1.60

Table 43. Length and weight data, by 10mm fork length intervals, for shorthead redhorse caught by gill nets in Dauphin Lake, fall, 1984.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
130	3	135	3	35	2	1.45	0	.	1	105	.	.	0	.	1	105	.	.
220	1	225	1	162	.	1.42	.	.	.	.	.	.	3	135	3	35	2	1.45
310	.	.	.	.	.	.	.	.	.	.	.	.	1	225	1	162	.	1.42
320	.	.	.	.	.	.	1	312	1	462	.	1.52	1	312	1	462	.	1.52
350	.	.	.	.	.	.	1	320	1	555	.	1.69	1	320	1	555	.	1.69
	.	.	.	.	.	.	1	350	1	686	.	1.60	1	350	1	686	.	1.60
TOTAL/MEAN	4	157	4	67	63	1.45	3	327	4	452	249	1.60	7	230	8	260	266	1.51

Table 44. Length and weight data, by 10mm fork length intervals, for shorthead redhorse caught by gill nets in Dauphin Lake, spring, 1985.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
130	1	135	1	34	.	1.38												
150	1	152	1	44	.	1.25	.	.	.	.	.	.	1	135	1	34	.	1.38
180	.	.	.	.	.	.	.	.	.	.	.	.	1	152	1	44	.	1.25
190	.	.	.	.	.	.	1	186	1	88	.	1.37	1	186	1	88	.	1.37
250	1	251	1	214	.	1.35	2	195	2	92	4	1.25	2	195	2	92	4	1.25
280	.	.	.	.	.	.	1	255	1	234	.	1.41	2	253	2	224	14	1.38
300	2	305	2	414	71	1.45	2	285	2	319	31	1.39	2	285	2	319	31	1.39
310	1	315	1	463	.	1.48	1	301	1	400	.	1.47	3	304	3	409	51	1.46
320	1	320	1	482	.	1.47	2	312	2	440	0	1.46	3	313	3	448	13	1.46
330	6	334	6	523	36	1.41	1	327	1	620	.	1.77	2	324	2	551	98	1.62
340	2	346	2	659	52	1.59	5	334	5	574	31	1.54	11	334	11	546	42	1.47
350	6	355	6	660	47	1.48	2	344	2	624	73	1.53	4	345	4	641	56	1.56
360	4	368	4	785	21	1.57	5	356	5	692	68	1.53	11	355	11	674	57	1.50
370	1	371	1	730	.	1.43	6	365	6	689	63	1.42	10	366	10	728	69	1.48
380	2	385	2	926	35	1.62	7	373	7	787	79	1.51	8	373	8	780	76	1.50
390	2	393	2	880	9	1.45	6	384	6	871	58	1.54	8	384	8	885	57	1.56
400	.	.	.	.	.	.	5	393	5	970	115	1.60	7	393	7	944	104	1.55
410	.	.	.	.	.	.	6	404	6	1088	120	1.65	6	404	6	1088	120	1.65
420	.	.	.	.	.	.	5	415	5	1152	53	1.61	5	415	5	1152	53	1.61
	.	.	.	.	.	.	3	423	3	1278	119	1.69	3	423	3	1278	119	1.69
TOTAL/MEAN	30	333	30	599	227	1.47	60	360	60	774	303	1.53	90	351	90	716	291	1.51

Table 45. Length and weight data, by 10mm fork length intervals, for shorthead redhorse caught by gill nets in Dauphin Lake, summer, 1985.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
130	2	137	2	35	0	1.38	1	131	1	31	.	1.38	5	136	5	33	3	1.30
140	10	145	10	41	4	1.34	4	146	4	43	4	1.39	16	145	16	41	4	1.35
150	7	155	7	50	3	1.34	6	154	6	48	4	1.32	16	155	16	48	4	1.29
160	7	163	7	58	5	1.33	2	163	2	60	1	1.39	13	164	13	58	5	1.31
170	2	173	2	66	6	1.28	.	.	.	.	.	.	2	173	2	66	6	1.28
180	1	186	1	91	.	1.41	.	.	.	.	.	.	1	186	1	91	.	1.41
190	1	193	1	97	.	1.35	.	.	.	.	.	.	1	193	1	97	.	1.35
200	1	206	1	125	.	1.43	.	.	.	.	.	.	1	206	1	125	.	1.43
210	2	217	2	145	20	1.43	.	.	.	.	.	.	2	217	2	145	20	1.43
220	.	.	.	.	.	.	1	223	1	146	.	1.32	1	223	1	146	.	1.32
230	.	.	.	.	.	.	1	232	1	167	.	1.34	1	232	1	167	.	1.34
240	.	.	.	.	.	.	2	247	2	212	4	1.41	2	247	2	212	4	1.41
250	4	257	4	242	8	1.44	2	254	2	226	6	1.39	6	256	6	237	11	1.42
260	7	263	7	269	21	1.47	2	266	2	274	17	1.47	9	264	9	270	19	1.47
270	4	275	4	300	28	1.44	1	272	1	334	.	1.66	5	275	5	307	29	1.48
280	1	289	1	314	.	1.30	5	283	5	337	20	1.48	6	284	6	334	20	1.45
290	1	295	1	388	.	1.51	1	294	1	393	.	1.55	2	295	2	391	4	1.53
300	2	307	2	435	12	1.51	1	301	1	406	.	1.49	3	305	3	425	19	1.50
310	4	315	4	467	34	1.49	2	317	2	463	21	1.45	6	316	6	466	28	1.48
320	6	325	6	483	28	1.41	7	327	7	543	54	1.55	13	326	13	515	53	1.49
330	7	335	7	538	25	1.44	8	335	8	588	40	1.57	15	335	15	565	42	1.51
340	6	346	6	624	52	1.51	12	345	12	657	47	1.60	18	345	18	646	50	1.57
350	3	351	3	654	22	1.52	5	352	5	650	59	1.49	8	351	8	652	46	1.50
360	7	365	7	731	37	1.50	5	365	5	725	40	1.48	12	365	12	729	37	1.50
370	4	374	4	779	38	1.49	3	374	3	785	81	1.50	7	374	7	782	54	1.49
380	.	.	.	.	.	.	3	384	3	868	23	1.53	3	384	3	868	23	1.53
390	1	393	1	911	.	1.50	2	393	2	990	12	1.63	3	393	3	963	46	1.59
400	.	.	.	.	.	.	2	404	2	1022	62	1.55	2	404	2	1022	62	1.55
410	.	.	.	.	.	.	1	413	1	1150	.	1.63	1	413	1	1150	.	1.63
430	.	.	.	.	.	.	2	435	2	1225	136	1.49	2	435	2	1225	136	1.49
TOTAL/MEAN	90	262	90	344	263	1.42	81	305	81	518	306	1.50	182	275	182	403	301	1.44

Table 46. Length and weight data, by 10mm fork length intervals, for shorthead redhorse caught by gill nets in Dauphin Lake, fall, 1985.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
140	2	145	2	44	1	1.44	.	.	.	.	.	.	2	145	2	44	1	1.44
150	2	156	2	50	3	1.33	1	152	1	44	.	1.25	3	154	3	48	4	1.30
160	2	168	2	63	7	1.34	1	160	1	57	.	1.39	3	165	3	61	6	1.36
310	.	.	.	.	.	.	2	316	2	487	1	1.54	2	316	2	487	1	1.54
350	.	.	.	.	.	.	2	351	2	680	82	1.58	2	351	2	680	82	1.58
370	.	.	.	.	.	.	2	374	2	830	60	1.59	2	374	2	830	60	1.59
410	.	.	.	.	.	.	1	418	1	1352	.	1.85	1	418	1	1352	.	1.85
TOTAL/MEAN	6	156	6	52	10	1.37	9	312	9	605	407	1.55	15	250	15	384	416	1.48

Table 47. Length and weight data, by 10mm fork length intervals, for shorthead redhorse caught by gill nets in Dauphin Lake, spring, 1986.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
120	1	128	1	26	.	1.24	.	.	.	.	.	.	1	128	1	26	.	1.24
140	2	145	2	32	8	1.05	1	145	1	37	.	1.21	3	145	3	33	6	1.10
150	3	156	3	46	7	1.22	2	158	2	47	0	1.20	6	157	6	45	5	1.17
160	4	165	4	54	2	1.21	.	.	.	.	.	.	4	165	4	54	2	1.21
170	4	175	4	67	4	1.26	3	174	3	65	2	1.24	8	174	8	65	5	1.23
230	.	.	.	.	.	.	1	238	1	173	.	1.28	1	238	1	173	.	1.28
240	1	247	1	204	.	1.35	.	.	.	.	.	.	1	247	1	204	.	1.35
250	3	253	3	204	15	1.26	2	257	2	246	1	1.46	5	254	5	221	25	1.34
260	6	265	6	238	7	1.28	5	262	5	237	8	1.31	11	264	11	238	7	1.30
270	2	272	2	267	47	1.34	.	.	.	.	.	.	2	272	2	267	47	1.34
280	.	.	.	.	.	.	1	288	1	360	.	1.51	1	288	1	360	.	1.51
290	4	297	4	352	15	1.35	2	291	2	350	34	1.43	6	295	6	351	19	1.37
300	.	.	.	.	.	.	2	308	2	392	21	1.34	2	308	2	392	21	1.34
310	1	313	1	435	.	1.42	3	313	3	451	20	1.47	4	313	4	447	18	1.46
320	5	323	5	518	27	1.53	.	.	.	.	.	.	5	323	5	518	27	1.53
330	2	331	2	499	35	1.38	4	333	4	580	67	1.57	6	332	6	553	68	1.50
340	3	344	3	536	25	1.32	5	346	5	611	62	1.47	8	345	8	583	62	1.42
350	.	.	.	.	.	.	8	356	8	684	56	1.52	8	356	8	684	56	1.52
360	2	364	2	747	75	1.55	5	367	5	673	42	1.36	7	366	7	694	59	1.42
370	2	372	2	729	59	1.42	10	375	10	768	44	1.45	12	375	12	762	46	1.45
380	2	384	2	717	31	1.27	2	384	2	817	4	1.45	4	384	4	767	61	1.36
390	1	396	1	852	.	1.37	4	395	4	874	42	1.42	5	395	5	869	38	1.41
400	.	.	.	.	.	.	3	405	3	965	41	1.46	3	405	3	965	41	1.46
410	.	.	.	.	.	.	1	413	1	980	.	1.39	1	413	1	980	.	1.39
450	.	.	.	.	.	.	1	454	1	1353	.	1.45	1	454	1	1353	.	1.45
TOTAL/MEAN	48	267	48	328	246	1.32	65	329	65	579	283	1.42	115	300	115	465	297	1.37

Table 48. Length and weight data, by 10mm fork length intervals, for shorthead redhorse caught by gill nets in Dauphin Lake, summer, 1986.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
130	1	133	1	34	.	1.45	1	137	1	34	.	1.32	2	135	2	34	0	1.38
140	.	.	.	.	.	.	1	149	1	43	.	1.30	2	146	2	41	3	1.32
150	1	155	1	52	.	1.40	.	.	.	.	.	.	1	155	1	52	.	1.40
160	.	.	.	.	.	.	3	164	3	55	2	1.26	3	164	3	55	2	1.26
170	2	176	2	79	11	1.45	1	172	1	71	.	1.40	3	174	3	76	9	1.43
180	.	.	.	.	.	.	4	183	4	81	9	1.32	4	183	4	81	9	1.32
190	3	192	3	101	12	1.42	1	194	1	101	.	1.38	4	193	4	101	10	1.41
200	4	206	4	126	6	1.45	.	.	.	.	.	.	4	206	4	126	6	1.45
210	.	.	.	.	.	.	1	213	1	145	.	1.50	1	213	1	145	.	1.50
240	.	.	.	.	.	.	3	245	3	222	12	1.51	3	245	3	222	12	1.51
250	2	252	2	241	14	1.51	1	252	1	230	.	1.44	3	252	3	237	12	1.48
260	2	268	2	291	1	1.51	2	266	2	280	12	1.49	4	267	4	285	9	1.50
270	6	275	6	320	20	1.53	3	271	3	299	19	1.50	9	274	9	313	21	1.52
280	.	.	.	.	.	.	5	283	5	337	25	1.48	5	283	5	337	25	1.48
290	2	293	2	390	13	1.55	1	292	1	332	.	1.33	3	293	3	371	35	1.48
300	3	304	3	446	10	1.59	4	303	4	436	26	1.56	7	304	7	440	20	1.57
310	6	314	6	485	26	1.56	6	313	6	460	20	1.50	12	314	12	473	25	1.53
320	3	323	3	499	45	1.48	7	324	7	533	58	1.57	10	324	10	523	54	1.54
330	7	337	7	571	29	1.50	3	333	3	546	25	1.48	10	335	10	563	29	1.49
340	7	342	7	616	46	1.54	8	345	8	630	48	1.54	15	343	15	624	46	1.54
350	3	352	3	686	64	1.58	12	355	12	681	48	1.52	15	355	15	682	49	1.53
360	3	367	3	755	69	1.53	8	365	8	750	42	1.54	11	365	11	751	47	1.54
370	1	373	1	813	.	1.57	6	375	6	803	60	1.53	7	374	7	805	55	1.53
390	.	.	.	.	.	.	5	393	5	939	74	1.55	5	393	5	939	74	1.55
400	.	.	.	.	.	.	1	402	1	1044	.	1.61	1	402	1	1044	.	1.61
TOTAL/MEAN	56	292	56	429	215	1.52	87	311	87	516	261	1.50	144	302	144	479	249	1.50

Table 49. Length and weight data, by 10mm fork length intervals, for shorthead redhorse caught by gill nets in Dauphin Lake, fall, 1986.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
130	.	.	.	.	.	.	.	.	.	.	.	.	1	138	1	40	.	1.52
140	.	.	.	.	.	.	.	.	.	.	.	.	2	144	2	41	8	1.35
190	1	197	1	110	.	1.44	.	.	.	.	.	.	1	197	1	110	.	1.44
210	.	.	.	.	.	.	1	211	1	131	.	1.39	1	211	1	131	.	1.39
220	2	225	2	176	35	1.54	1	229	1	162	.	1.35	3	226	3	171	26	1.47
250	1	250	1	230	.	1.47	.	.	.	.	.	.	1	250	1	230	.	1.47
260	2	263	2	301	3	1.65	.	.	.	.	.	.	2	263	2	301	3	1.65
280	1	284	1	366	.	1.60	1	288	1	365	.	1.53	2	286	2	366	1	1.56
290	2	298	2	390	11	1.48	2	293	2	366	13	1.46	4	295	4	378	17	1.47
300	1	306	1	499	.	1.74	1	309	1	454	.	1.54	2	308	2	477	32	1.64
310	.	.	.	.	.	.	2	312	2	487	8	1.60	2	312	2	487	8	1.60
320	1	323	1	559	.	1.66	2	326	2	555	67	1.60	3	325	3	556	48	1.62
330	4	333	3	591	32	1.61	4	335	4	605	38	1.61	8	334	7	599	34	1.61
340	3	343	3	632	32	1.57	6	345	6	658	48	1.60	9	345	9	649	43	1.59
350	2	354	2	720	36	1.62	2	350	2	734	55	1.71	4	352	4	727	39	1.67
360	1	362	1	710	.	1.50	5	365	5	790	59	1.62	6	365	6	777	62	1.60
370	3	372	3	799	55	1.55	2	373	2	833	83	1.60	5	372	5	813	60	1.57
380	2	382	2	1015	79	1.83	1	389	1	905	.	1.54	3	384	3	978	85	1.73
390	2	390	2	998	67	1.68	1	394	1	1203	.	1.97	3	391	3	1066	128	1.78
400	.	.	.	.	.	.	4	406	4	1181	23	1.77	4	406	4	1181	23	1.77
440	1	448	1	1596	.	1.78	.	.	.	.	.	.	1	448	1	1596	.	1.78
TOTAL/MEAN	29	327	28	619	328	1.61	35	342	35	692	273	1.61	67	327	66	631	319	1.60

Table 50. Length and weight data, by 10mm fork length intervals, for shorthead redhorse caught by gill nets in Dauphin Lake, spring, 1987.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
140	1	147	1	45	.	1.42	.	.	.	.	.	.	1	147	1	45	.	1.42
150	1	154	1	52	.	1.42	.	.	.	.	.	.	1	154	1	52	.	1.42
160	1	160	1	55	.	1.34	.	.	.	.	.	.	1	160	1	55	.	1.34
210	.	.	.	.	.	.	1	210	1	135	.	1.46	1	210	1	135	.	1.46
220	1	229	1	167	.	1.39	.	.	.	.	.	.	1	229	1	167	.	1.39
230	1	236	1	164	.	1.25	.	.	.	.	.	.	1	236	1	164	.	1.25
240	.	.	.	.	.	.	1	240	1	216	.	1.56	1	240	1	216	.	1.56
250	1	251	1	243	.	1.54	2	254	2	244	17	1.50	3	253	3	244	12	1.51
260	.	.	.	.	.	.	1	268	1	277	.	1.44	1	268	1	277	.	1.44
300	2	307	2	420	7	1.45	.	.	.	.	.	.	2	307	2	420	7	1.45
310	4	314	4	479	31	1.54	2	315	2	463	54	1.48	6	314	6	473	35	1.52
320	2	326	2	517	37	1.50	1	329	1	512	.	1.44	3	327	3	515	27	1.48
330	3	331	3	544	45	1.49	.	.	.	.	.	.	3	331	3	544	45	1.49
340	5	344	5	596	42	1.46	2	346	2	646	20	1.57	8	345	8	607	40	1.48
350	.	.	.	.	.	.	4	352	4	647	51	1.49	4	352	4	647	51	1.49
360	.	.	.	.	.	.	1	360	1	558	.	1.20	1	360	1	558	.	1.20
370	.	.	.	.	.	.	1	378	1	786	.	1.46	1	378	1	786	.	1.46
380	.	.	.	.	.	.	2	387	2	939	92	1.63	2	387	2	939	92	1.63
420	.	.	.	.	.	.	2	423	2	1079	18	1.43	2	423	2	1079	18	1.43
TOTAL/MEAN	22	292	22	415	197	1.46	20	332	20	591	283	1.49	43	312	43	501	252	1.47

Table 51. Length and weight data, by 10mm fork length intervals, for shorthead redhorse caught by gill nets in Dauphin Lake, summer, 1987.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
130	1	134	1	33	.	1.37	.	.	.	.	.	.	1	134	1	33	.	1.37
140	1	146	1	45	.	1.45	.	.	.	.	.	.	1	146	1	45	.	1.45
150	.	.	.	.	.	.	.	.	.	.	.	.	1	159	1	43	.	1.07
180	1	180	1	91	.	1.56	1	183	1	86	.	1.40	2	182	2	89	4	1.48
200	1	209	1	127	.	1.39	.	.	.	.	.	.	1	209	1	127	.	1.39
220	3	225	3	177	9	1.56	3	224	3	164	6	1.46	7	224	7	167	12	1.49
230	7	233	7	187	17	1.47	4	236	4	190	5	1.44	11	234	11	188	14	1.46
240	1	241	1	204	.	1.46	4	245	4	217	18	1.47	5	244	5	215	17	1.47
250	1	250	1	237	.	1.52	5	254	5	245	14	1.49	6	254	6	243	13	1.49
260	3	264	3	282	28	1.53	4	265	4	273	29	1.46	7	265	7	277	27	1.49
270	.	.	.	.	.	.	2	274	2	289	0	1.41	2	274	2	289	0	1.41
280	3	285	3	351	27	1.52	1	283	1	325	.	1.43	4	284	4	344	26	1.50
290	5	293	5	369	14	1.46	.	.	.	.	.	.	6	293	6	361	23	1.44
300	4	308	3	459	5	1.57	3	305	3	423	39	1.48	7	307	6	441	32	1.53
310	3	314	3	455	32	1.47	1	312	1	421	.	1.39	4	314	4	446	31	1.45
320	5	323	5	495	23	1.47	6	326	6	513	27	1.48	11	325	11	505	26	1.48
330	7	334	7	532	38	1.42	5	335	5	589	31	1.57	12	335	12	556	45	1.48
340	6	345	6	620	102	1.51	2	347	2	570	60	1.37	8	345	8	607	92	1.47
350	1	357	1	720	.	1.58	4	353	4	634	15	1.44	5	354	5	651	41	1.47
360	.	.	.	.	.	.	2	365	2	700	18	1.45	2	365	2	700	18	1.45
380	.	.	.	.	.	.	1	381	1	872	.	1.58	1	381	1	872	.	1.58
390	.	.	.	.	.	.	1	391	1	879	.	1.47	1	391	1	879	.	1.47
400	.	.	.	.	.	.	1	403	1	886	.	1.35	1	403	1	886	.	1.35
TOTAL/MEAN	53	286	52	379	179	1.49	50	296	50	417	212	1.47	106	289	105	391	198	1.47

Table 52. Length and weight data, by 10mm fork length intervals, for shorthead redhorse caught by gill nets in Dauphin Lake, fall, 1987.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
230	.	.	.	.	.	.	1	239	1	192	.	1.41	1	239	1	192	.	1.41
240	2	246	2	231	14	1.55	.	.	.	.	.	.	2	246	2	231	14	1.55
250	5	254	5	254	24	1.55	6	254	6	240	15	1.46	11	254	11	246	20	1.50
260	.	.	.	.	.	.	1	261	1	276	.	1.55	1	261	1	276	.	1.55
270	5	272	5	299	11	1.48	1	272	1	294	.	1.46	6	272	6	298	10	1.48
280	1	285	1	351	.	1.52	.	.	.	.	.	.	1	285	1	351	.	1.52
290	1	296	1	433	.	1.67	1	292	1	422	.	1.69	2	294	2	428	8	1.68
300	2	308	2	493	61	1.70	.	.	.	.	.	.	2	308	2	493	61	1.70
310	8	313	8	483	43	1.57	.	.	.	.	.	.	8	313	8	483	43	1.57
320	2	328	2	536	20	1.53	1	326	1	543	.	1.57	3	327	3	538	15	1.54
330	11	335	11	619	53	1.64	4	332	4	553	33	1.51	15	334	15	601	56	1.61
340	.	.	.	.	.	.	3	341	3	687	50	1.73	3	341	3	687	50	1.73
350	.	.	.	.	.	.	5	353	5	722	53	1.64	5	353	5	722	53	1.64
360	.	.	.	.	.	.	4	366	4	793	27	1.62	4	366	4	793	27	1.62
370	.	.	.	.	.	.	3	374	3	913	99	1.75	3	374	3	913	99	1.75
380	.	.	.	.	.	.	4	384	4	923	140	1.63	4	384	4	923	140	1.63
390	.	.	.	.	.	.	2	395	2	1058	59	1.72	2	395	2	1058	59	1.72
TOTAL/MEAN	37	302	37	453	149	1.58	36	332	36	632	274	1.60	73	317	73	541	236	1.59

Table 53. Length and weight data, by 10mm fork length intervals, for shorthead redhorse caught by gill nets in Dauphin Lake, fall, 1988.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
130	2	137	2	38	4	1.46	1	137	1	36	.	1.40	4	137	4	37	2	1.43
140	5	146	5	42	2	1.35	2	145	2	45	1	1.48	7	146	7	43	3	1.38
150	3	156	3	49	3	1.30	2	153	2	51	4	1.41	5	155	5	50	3	1.34
160	1	169	1	69	.	1.43	5	163	5	56	3	1.31	6	164	6	59	6	1.33
170	2	175	2	76	11	1.42	.	.	.	.	.	.	2	175	2	76	11	1.42
180	3	183	3	87	7	1.42	1	181	1	86	.	1.45	4	183	4	87	5	1.43
190	1	195	1	105	.	1.42	.	.	.	.	.	.	1	195	1	105	.	1.42
210	.	.	.	.	.	.	2	213	2	142	6	1.47	2	213	2	142	6	1.47
220	1	224	1	174	.	1.55	.	.	.	.	.	.	1	224	1	174	.	1.55
240	3	243	3	208	5	1.46	.	.	.	.	.	.	3	243	3	208	5	1.46
250	1	256	1	270	.	1.61	.	.	.	.	.	.	1	256	1	270	.	1.61
260	1	263	1	254	.	1.40	1	265	1	271	.	1.46	2	264	2	263	12	1.43
270	.	.	.	.	.	.	1	271	1	289	.	1.45	1	271	1	289	.	1.45
290	2	295	2	438	23	1.70	1	291	1	379	.	1.54	3	294	3	418	38	1.65
300	1	304	1	430	.	1.53	.	.	.	.	.	.	1	304	1	430	.	1.53
310	1	315	1	489	.	1.56	1	315	1	494	.	1.58	2	315	2	492	4	1.57
320	.	.	.	.	.	.	3	323	3	545	43	1.62	3	323	3	545	43	1.62
330	7	334	7	620	73	1.66	2	333	2	611	15	1.65	9	334	9	618	64	1.66
340	2	348	2	645	28	1.54	1	344	1	664	.	1.63	3	346	3	651	23	1.57
350	.	.	.	.	.	.	3	355	3	740	50	1.66	3	355	3	740	50	1.66
TOTAL/MEAN	36	235	36	271	244	1.49	26	244	26	310	272	1.50	63	237	63	283	255	1.49

Table 54. Length and weight data, by 10mm fork length intervals, for shorthead redhorse caught by gill nets in Dauphin Lake, fall, 1989.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
120	.	.	.	.	.	.	1	129	1	33	.	1.54	1	129	1	33	.	1.54
130	5	135	5	35	4	1.43	1	131	1	33	.	1.47	6	134	6	35	3	1.43
140	4	145	4	44	4	1.43	5	143	5	41	7	1.39	9	144	9	42	6	1.41
150	2	156	2	54	5	1.42	.	.	.	.	.	.	2	156	2	54	5	1.42
160	1	168	1	72	.	1.52	2	164	2	62	4	1.40	3	165	3	65	7	1.44
170	1	178	1	79	.	1.40	1	178	1	81	.	1.44	2	178	2	80	1	1.42
180	1	185	1	93	.	1.47	1	189	1	105	.	1.56	2	187	2	99	8	1.51
200	2	203	2	116	12	1.39	4	206	4	124	11	1.43	6	205	6	121	11	1.41
220	3	223	3	163	7	1.47	3	223	3	172	17	1.55	6	223	6	168	12	1.51
230	5	234	5	190	5	1.48	3	234	3	193	10	1.52	8	234	8	191	7	1.50
240	3	244	3	218	8	1.51	5	244	5	215	13	1.47	8	244	8	216	11	1.49
250	1	255	1	265	.	1.60	1	255	1	262	.	1.58	2	255	2	264	2	1.59
260	2	265	2	275	11	1.47	1	266	1	310	.	1.65	3	265	3	286	22	1.53
270	1	274	1	298	.	1.45	2	273	2	303	18	1.49	3	273	3	301	13	1.47
280	1	288	1	374	.	1.57	.	.	.	.	.	.	1	288	1	374	.	1.57
290	1	292	1	393	.	1.58	1	299	1	392	.	1.47	2	296	2	393	1	1.52
300	6	305	6	455	47	1.61	1	304	1	466	.	1.66	7	305	7	457	44	1.61
310	6	315	6	535	59	1.72	2	315	2	472	1	1.52	8	315	8	519	58	1.67
320	12	324	12	561	37	1.65	5	326	5	545	20	1.57	17	325	17	556	33	1.62
330	8	335	8	630	37	1.68	9	335	9	648	33	1.72	17	335	17	640	35	1.70
340	4	343	4	640	42	1.59	11	344	11	689	36	1.70	15	343	15	676	42	1.67
350	3	354	3	726	39	1.64	9	354	9	725	64	1.63	12	354	12	725	57	1.63
360	1	363	1	863	.	1.80	9	365	9	809	70	1.66	10	365	10	815	68	1.68
370	2	374	2	834	76	1.59	7	375	7	857	76	1.62	9	375	9	852	72	1.62
380	.	.	.	.	.	.	1	381	1	964	.	1.74	1	381	1	964	.	1.74
390	.	.	.	.	.	.	3	393	3	1007	47	1.66	3	393	3	1007	47	1.66
TOTAL/MEAN	75	274	75	398	247	1.57	88	301	88	524	300	1.59	163	288	163	466	283	1.58

Table 55. Length and weight data, by 10mm fork length intervals, for yellow perch caught by gill nets in Dauphin Lake, summer, 1984.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
60	.	.	.	.	.	.	.	.	.	.	.	.	6	67	6	4	1	1.31
70	.	.	.	.	.	.	1	73	1	5	.	1.29	4	75	4	6	1	1.31
80	.	.	.	.	.	.	.	.	.	.	.	.	1	80	1	8	.	1.56
100	.	.	.	.	.	.	1	107	1	18	.	1.47	4	105	4	18	1	1.53
110	2	117	2	25	2	1.53	5	117	5	23	6	1.44	12	116	12	22	5	1.41
120	14	125	13	29	3	1.49	41	126	41	29	3	1.46	68	125	67	29	4	1.47
130	30	134	30	33	4	1.40	88	134	87	32	4	1.34	123	134	122	33	4	1.37
140	15	144	15	39	6	1.31	46	144	46	40	5	1.34	65	144	65	40	5	1.34
150	3	152	3	49	2	1.40	9	154	9	53	6	1.44	12	154	12	52	6	1.43
160	.	.	.	.	.	.	7	164	7	64	7	1.45	7	164	7	64	7	1.45
170	.	.	.	.	.	.	2	171	2	74	5	1.47	2	171	2	74	5	1.47
180	1	183	1	90	.	1.47	.	.	.	.	.	.	1	183	1	90	.	1.47
190	5	195	5	126	9	1.70	3	195	3	120	20	1.61	8	195	8	124	13	1.67
200	4	206	4	149	14	1.70	13	204	13	143	18	1.68	18	205	18	144	17	1.69
210	10	214	10	161	10	1.64	33	215	32	172	18	1.73	43	214	42	169	17	1.71
220	7	225	7	181	23	1.59	50	224	50	191	15	1.70	58	224	58	190	17	1.69
230	8	232	8	211	37	1.69	59	234	59	219	21	1.70	69	234	69	219	23	1.70
240	1	245	1	230	.	1.56	79	244	79	242	20	1.67	83	244	83	242	20	1.67
250	2	255	2	265	35	1.60	50	253	50	281	23	1.72	53	254	53	281	24	1.72
260	.	.	.	.	.	.	25	263	25	315	31	1.73	26	263	26	317	31	1.74
270	.	.	.	.	.	.	9	273	9	334	26	1.64	9	273	9	334	26	1.64
280	1	285	1	350	.	1.51	5	283	5	385	24	1.70	6	283	6	379	26	1.67
290	.	.	.	.	.	.	3	293	3	420	17	1.68	3	293	3	420	17	1.68
300	.	.	.	.	.	.	1	308	1	500	.	1.71	1	308	1	500	.	1.71
TOTAL/MEAN	103	167	102	90	78	1.49	530	200	528	161	109	1.58	682	191	679	143	109	1.56

Table 56. Length and weight data, by 10mm fork length intervals, for yellow perch caught by gill nets in Dauphin Lake, fall, 1984.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
70	1	76	1	4	.	0.91	.	.	.	.	.	.	1	76	1	4	.	0.91
80	1	81	1	6	.	1.13	3	85	2	8	1	1.18	4	84	3	7	1	1.16
90	2	92	2	9	1	1.11	.	.	.	.	.	.	2	92	2	9	1	1.11
110	1	117	1	22	.	1.37	2	118	2	23	1	1.42	3	117	3	23	1	1.40
120	5	126	5	26	3	1.28	13	127	13	26	2	1.29	18	127	18	26	2	1.29
130	28	134	28	31	4	1.28	33	135	33	30	3	1.23	61	134	61	30	3	1.25
140	13	143	13	37	4	1.28	34	143	34	38	4	1.28	47	143	47	38	4	1.28
150	7	154	7	47	6	1.29	12	154	12	48	4	1.31	19	154	19	48	4	1.30
160	.	.	.	.	.	.	6	162	6	58	5	1.36	6	162	6	58	5	1.36
170	1	170	1	73	.	1.49	.	.	.	.	.	.	1	170	1	73	.	1.49
190	1	197	1	109	.	1.43	.	.	.	.	.	.	1	197	1	109	.	1.43
200	3	202	3	123	4	1.48	2	203	2	118	1	1.41	5	203	5	121	4	1.46
210	6	216	6	160	8	1.59	4	215	4	149	11	1.49	10	216	10	156	11	1.55
220	5	222	5	164	4	1.50	5	225	5	170	21	1.49	10	224	10	167	15	1.50
230	2	235	2	182	1	1.41	18	235	18	194	17	1.49	20	235	20	193	16	1.48
240	1	246	1	254	.	1.71	27	244	27	229	17	1.57	28	244	28	230	17	1.58
250	.	.	.	.	.	.	30	254	30	258	19	1.58	30	254	30	258	19	1.58
260	.	.	.	.	.	.	25	263	25	290	25	1.60	25	263	25	290	25	1.60
270	.	.	.	.	.	.	11	274	11	317	13	1.55	11	274	11	317	13	1.55
280	.	.	.	.	.	.	10	283	10	356	31	1.57	10	283	10	356	31	1.57
290	.	.	.	.	.	.	3	291	3	394	12	1.60	3	291	3	394	12	1.60
TOTAL/MEAN	77	154	77	62	57	1.33	238	203	237	161	119	1.43	315	191	314	137	115	1.41

Table 57. Length and weight data, by 10mm fork length intervals, for yellow perch caught by gill nets in Dauphin Lake, spring, 1985.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
70	3	75	3	6	1	1.36	2	76	2	5	1	1.04	5	75	5	5	1	1.23
80	1	81	1	7	.	1.32	6	86	6	8	1	1.27	7	86	7	8	1	1.28
90	.	.	.	.	.	.	1	90	1	8	.	1.10	1	90	1	8	.	1.10
120	3	127	3	27	3	1.29	5	126	5	24	2	1.20	8	126	8	25	3	1.24
130	12	135	12	29	3	1.15	61	136	61	31	3	1.24	73	136	73	31	3	1.23
140	17	145	17	37	4	1.21	77	144	77	38	3	1.25	94	145	94	38	3	1.24
150	6	153	6	43	4	1.21	43	154	43	46	5	1.27	49	154	49	46	5	1.27
160	1	163	1	51	.	1.18	11	164	11	58	4	1.31	12	164	12	58	4	1.30
170	1	170	1	64	.	1.30	6	173	6	67	5	1.31	7	172	7	67	5	1.31
180	.	.	.	.	.	.	1	187	1	82	.	1.25	1	187	1	82	.	1.25
190	2	194	2	95	1	1.30	.	.	.	.	.	.	2	194	2	95	1	1.30
200	.	.	.	.	.	.	1	206	1	111	.	1.27	1	206	1	111	.	1.27
210	5	213	5	131	5	1.37	1	218	1	139	.	1.34	6	214	6	133	6	1.36
220	5	223	5	157	12	1.42	12	226	12	154	8	1.34	17	225	17	155	9	1.36
230	4	232	4	180	18	1.43	34	235	34	180	13	1.38	38	235	38	180	13	1.39
240	.	.	.	.	.	.	35	245	35	206	18	1.41	35	245	35	206	18	1.41
250	.	.	.	.	.	.	39	255	39	233	24	1.41	39	255	39	233	24	1.41
260	.	.	.	.	.	.	22	264	22	259	20	1.40	22	264	22	259	20	1.40
270	.	.	.	.	.	.	10	274	10	290	22	1.40	10	274	10	290	22	1.40
280	.	.	.	.	.	.	10	286	10	370	45	1.58	10	286	10	370	45	1.58
290	.	.	.	.	.	.	4	292	4	377	31	1.52	4	292	4	377	31	1.52
300	.	.	.	.	.	.	1	300	1	411	.	1.52	1	300	1	411	.	1.52
310	.	.	.	.	.	.	1	318	1	436	.	1.36	1	318	1	436	.	1.36
TOTAL/MEAN	60	159	60	63	54	1.26	383	191	383	123	105	1.32	443	187	443	115	102	1.31

Table 58. Length and weight data, by 10mm fork length intervals, for yellow perch caught by gill nets in Dauphin Lake, summer, 1985.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
.	.	.	.	.	.	.	0	.	1	59	.	.	0	.	1	59	.	.
80	7	87	7	8	1	1.20	7	86	7	8	1	1.23	14	87	14	8	1	1.21
90	7	94	7	10	1	1.22	7	93	7	11	1	1.32	14	94	14	11	1	1.27
100	2	101	2	13	1	1.23	4	103	4	14	2	1.29	6	102	6	14	2	1.27
110	.	.	.	.	.	.	6	114	6	20	1	1.37	6	114	6	20	1	1.37
120	4	125	4	26	2	1.31	12	126	12	27	2	1.35	16	125	16	27	2	1.34
130	25	135	25	33	2	1.33	32	135	32	34	3	1.36	57	135	57	33	3	1.35
140	19	144	19	38	4	1.30	39	145	39	41	4	1.34	58	144	58	40	4	1.33
150	15	154	15	49	5	1.35	25	155	25	50	5	1.36	41	154	41	50	5	1.36
160	1	161	1	57	.	1.37	23	164	23	62	6	1.40	24	163	24	61	6	1.40
170	.	.	.	.	.	.	7	174	7	78	8	1.48	7	174	7	78	8	1.48
190	2	199	2	107	0	1.37	.	.	.	.	.	.	2	199	2	107	0	1.37
200	1	203	1	118	.	1.41	2	206	2	134	11	1.54	3	205	3	128	12	1.49
210	16	216	16	144	10	1.44	2	219	2	138	2	1.31	18	216	18	143	10	1.42
220	4	224	4	158	4	1.41	13	226	13	161	15	1.40	17	225	17	160	13	1.40
230	4	234	4	194	14	1.52	16	235	16	197	18	1.51	20	235	20	196	17	1.52
240	1	245	1	212	.	1.44	40	245	40	224	21	1.52	41	245	41	223	21	1.52
250	.	.	.	.	.	.	41	255	41	255	25	1.53	41	255	41	255	25	1.53
260	.	.	.	.	.	.	37	264	37	282	23	1.54	37	264	37	282	23	1.54
270	.	.	.	.	.	.	20	275	20	334	28	1.61	20	275	20	334	28	1.61
280	.	.	.	.	.	.	17	285	17	361	24	1.56	17	285	17	361	24	1.56
290	.	.	.	.	.	.	5	297	5	397	44	1.51	5	297	5	397	44	1.51
300	.	.	.	.	.	.	4	302	4	432	17	1.56	4	302	4	432	17	1.56
310	.	.	.	.	.	.	1	312	1	483	.	1.59	1	312	1	483	.	1.59
TOTAL/MEAN	108	154	108	64	56	1.34	360	204	361	164	124	1.45	469	193	470	141	120	1.43

Table 59. Length and weight data, by 10mm fork length intervals, for yellow perch caught by gill nets in Dauphin Lake, fall, 1985.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
60	.	.	.	.	.	.	1	60	1	2	.	0.93	1	60	1	2	.	0.93
80	2	86	2	7	0	1.12	.	.	.	.	.	.	2	86	2	7	0	1.12
90	3	96	3	11	2	1.24	5	97	5	12	2	1.27	8	97	8	12	2	1.26
100	1	102	1	14	.	1.32	4	103	4	13	2	1.23	5	102	5	13	2	1.24
110	.	.	.	.	.	.	2	117	2	24	3	1.50	2	117	2	24	3	1.50
120	2	125	2	25	1	1.29	5	125	5	26	3	1.32	7	125	7	25	3	1.31
130	5	133	5	34	3	1.42	21	135	21	33	3	1.33	26	135	26	33	3	1.35
140	8	143	8	40	3	1.38	10	146	10	43	6	1.38	18	145	18	42	5	1.38
150	4	154	4	52	2	1.42	21	154	21	51	5	1.40	25	154	25	51	5	1.40
160	2	164	2	66	16	1.47	14	164	14	63	5	1.43	16	164	16	64	6	1.43
170	.	.	.	.	.	.	6	172	6	71	5	1.38	6	172	6	71	5	1.38
180	.	.	.	.	.	.	1	185	1	101	.	1.60	1	185	1	101	.	1.60
190	1	192	1	109	.	1.54	.	.	.	.	.	.	1	192	1	109	.	1.54
200	.	.	.	.	.	.	1	202	1	118	.	1.43	1	202	1	118	.	1.43
210	3	214	3	150	8	1.54	1	219	1	172	.	1.64	4	215	4	156	13	1.56
220	1	225	1	169	.	1.48	3	222	3	163	16	1.48	4	223	4	164	14	1.48
230	1	236	1	180	.	1.37	3	235	3	174	16	1.34	4	235	4	175	13	1.35
240	1	240	1	211	.	1.53	13	245	13	220	13	1.51	14	244	14	220	13	1.51
250	2	253	2	263	7	1.63	12	256	12	258	19	1.53	14	256	14	258	18	1.55
260	.	.	.	.	.	.	18	264	18	287	28	1.55	18	264	18	287	28	1.55
270	.	.	.	.	.	.	16	273	16	319	22	1.56	16	273	16	319	22	1.56
280	.	.	.	.	.	.	23	283	23	348	30	1.54	23	283	23	348	30	1.54
290	.	.	.	.	.	.	4	293	4	396	23	1.57	4	293	4	396	23	1.57
300	.	.	.	.	.	.	3	302	3	419	6	1.52	3	302	3	419	6	1.52
TOTAL/MEAN	36	156	36	72	71	1.40	187	207	187	173	135	1.45	223	198	223	156	132	1.44

Table 60. Length and weight data, by 10mm fork length intervals, for yellow perch caught by gill nets in Dauphin Lake, spring, 1986.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
80	2	86	2	8	1	1.18	1	87	1	9	.	1.37	3	86	3	8	1	1.24
90	4	93	4	9	1	1.15	2	94	2	10	1	1.14	6	93	6	9	1	1.15
110	1	114	1	18	.	1.21	4	115	4	21	3	1.35	5	115	5	20	3	1.32
120	3	127	3	25	2	1.22	9	125	9	26	2	1.36	12	125	12	26	2	1.33
130	10	136	10	30	3	1.18	31	134	31	30	3	1.26	41	134	41	30	3	1.24
140	11	147	11	40	3	1.26	26	145	26	38	4	1.26	37	145	37	39	4	1.26
150	19	153	19	46	4	1.27	38	155	38	49	5	1.33	57	154	57	48	5	1.31
160	8	164	8	57	4	1.29	32	164	32	59	4	1.34	40	164	40	59	4	1.33
170	1	173	1	70	.	1.35	14	174	14	71	7	1.35	15	174	15	71	6	1.35
180	.	.	.	.	.	.	4	183	4	85	10	1.39	4	183	4	85	10	1.39
190	.	.	.	.	.	.	2	193	2	94	2	1.31	2	193	2	94	2	1.31
200	1	207	1	120	.	1.35	2	202	2	114	3	1.38	3	204	3	116	4	1.37
210	2	214	2	126	3	1.29	2	217	2	142	5	1.38	4	216	4	134	10	1.34
220	8	225	8	153	16	1.35	4	226	4	155	14	1.35	12	225	12	154	15	1.35
230	5	233	5	165	3	1.31	15	235	15	171	8	1.31	20	235	20	170	8	1.31
240	3	242	3	190	11	1.34	24	245	24	196	18	1.34	27	245	27	196	17	1.34
250	.	.	.	.	.	.	42	255	42	224	19	1.36	42	255	42	224	19	1.36
260	.	.	.	.	.	.	43	264	43	256	21	1.39	43	264	43	256	21	1.39
270	.	.	.	.	.	.	24	274	24	290	22	1.41	24	274	24	290	22	1.41
280	1	281	1	305	.	1.37	12	283	12	319	27	1.42	13	282	13	318	26	1.41
290	.	.	.	.	.	.	4	293	4	337	30	1.34	4	293	4	337	30	1.34
300	.	.	.	.	.	.	1	305	1	396	.	1.40	1	305	1	396	.	1.40
310	.	.	.	.	.	.	1	310	1	355	.	1.19	1	310	1	355	.	1.19
TOTAL/MEAN	79	165	79	71	60	1.27	337	206	337	146	105	1.34	416	198	416	132	102	1.33

Table 61. Length and weight data, by 10mm fork length intervals, for yellow perch caught by gill nets in Dauphin Lake, summer, 1986.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
60	2	66	2	4	0	1.43	2	67	2	5	1	1.53	5	65	5	4	1	1.44
70	2	73	2	5	0	1.32	3	74	3	6	1	1.39	6	73	6	5	1	1.36
90	1	97	1	12	.	1.31	.	.	.	.	.	.	1	97	1	12	.	1.31
100	3	106	3	16	3	1.35	5	104	5	15	1	1.30	8	105	8	15	2	1.32
110	6	114	6	21	3	1.40	9	117	9	22	2	1.39	16	116	16	22	2	1.39
120	18	125	18	26	2	1.34	55	126	55	26	2	1.32	73	126	73	26	2	1.32
130	12	134	12	31	2	1.31	89	134	89	32	3	1.30	101	134	101	32	3	1.30
140	11	145	11	41	4	1.34	28	144	28	40	4	1.34	39	144	39	41	4	1.34
150	7	154	7	49	5	1.34	11	154	11	51	3	1.39	18	154	18	50	4	1.37
160	4	166	4	61	6	1.34	22	165	22	64	4	1.41	26	165	26	63	5	1.40
170	2	174	2	69	4	1.31	14	175	14	75	6	1.40	16	175	16	74	6	1.39
180	1	181	1	81	.	1.37	14	184	14	89	4	1.43	15	184	15	89	4	1.42
190	1	190	1	98	.	1.43	7	194	7	109	15	1.50	8	193	8	108	15	1.49
200	.	.	.	.	.	.	6	207	6	133	10	1.50	6	207	6	133	10	1.50
210	1	213	1	154	.	1.59	8	214	8	141	5	1.44	9	214	9	142	7	1.46
220	2	227	2	170	37	1.46	8	224	8	163	20	1.45	10	225	10	165	21	1.45
230	4	234	4	175	12	1.36	7	235	7	180	20	1.38	11	235	11	178	17	1.38
240	1	240	1	197	.	1.43	17	245	17	220	21	1.49	18	245	18	219	21	1.49
250	.	.	.	.	.	.	22	255	22	245	21	1.48	22	255	22	245	21	1.48
260	.	.	.	.	.	.	17	265	17	271	25	1.46	17	265	17	271	25	1.46
270	.	.	.	.	.	.	20	274	20	309	23	1.51	20	274	20	309	23	1.51
280	.	.	.	.	.	.	10	283	10	347	35	1.53	10	283	10	347	35	1.53
290	.	.	.	.	.	.	10	292	10	363	36	1.46	10	292	10	363	36	1.46
TOTAL/MEAN	78	143	78	49	46	1.35	384	178	384	110	109	1.39	465	172	465	99	103	1.38

Table 62. Length and weight data, by 10mm fork length intervals, for yellow perch caught by gill nets in Dauphin Lake, fall, 1986.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
50	.	.	.	.	.	.	.	.	.	.	.	.	1	55	1	2	.	1.20
70	.	.	.	.	.	.	2	76	2	6	1	1.25	2	76	2	6	1	1.25
80	1	88	1	10	.	1.47	2	83	2	8	1	1.42	3	84	3	9	2	1.43
90	2	95	2	11	0	1.31	1	94	1	11	.	1.32	3	94	3	11	0	1.31
100	1	104	1	15	.	1.33	.	.	.	.	.	.	1	104	1	15	.	1.33
110	2	117	2	24	1	1.47	3	113	3	20	1	1.40	5	114	5	21	2	1.43
120	4	125	4	27	5	1.40	9	126	9	29	2	1.45	13	125	13	28	3	1.43
130	10	133	10	35	3	1.46	49	134	49	33	3	1.37	59	134	59	33	3	1.38
140	4	142	4	41	1	1.45	38	143	38	41	5	1.40	42	143	42	41	4	1.40
150	3	155	3	56	4	1.50	12	153	12	51	4	1.44	15	153	15	52	4	1.45
160	.	.	.	.	.	.	12	164	12	63	6	1.42	12	164	12	63	6	1.42
170	1	178	1	85	.	1.51	6	174	6	75	6	1.42	7	175	7	77	7	1.43
180	.	.	.	.	.	.	6	184	6	92	7	1.47	6	184	6	92	7	1.47
190	.	.	.	.	.	.	7	194	7	110	7	1.50	7	194	7	110	7	1.50
200	.	.	.	.	.	.	7	204	7	131	7	1.53	7	204	7	131	7	1.53
210	.	.	.	.	.	.	8	213	8	144	15	1.50	8	213	8	144	15	1.50
220	.	.	.	.	.	.	4	224	4	176	16	1.56	4	224	4	176	16	1.56
230	.	.	.	.	.	.	2	234	2	178	18	1.39	2	234	2	178	18	1.39
240	.	.	.	.	.	.	4	245	4	234	12	1.60	4	245	4	234	12	1.60
250	1	251	1	267	.	1.69	10	255	10	258	30	1.55	11	255	11	259	28	1.56
260	.	.	.	.	.	.	8	265	8	299	23	1.60	8	265	8	299	23	1.60
270	.	.	.	.	.	.	15	275	15	328	16	1.58	15	275	15	328	16	1.58
280	.	.	.	.	.	.	9	284	9	356	23	1.55	9	284	9	356	23	1.55
290	.	.	.	.	.	.	5	295	5	382	37	1.49	5	295	5	382	37	1.49
300	.	.	.	.	.	.	2	300	2	450	11	1.66	2	300	2	450	11	1.66
310	.	.	.	.	.	.	1	311	1	487	.	1.62	1	311	1	487	.	1.62
TOTAL/MEAN	29	135	29	43	46	1.45	222	182	222	122	122	1.45	252	176	252	113	118	1.45

Table 63. Length and weight data, by 10mm fork length intervals, for yellow perch caught by gill nets in Dauphin Lake, spring, 1987.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
60	.	.	.	.	.	.	1	68	1	4	.	1.27	2	69	2	4	1	1.09
80	1	81	1	8	.	1.51	1	88	1	9	.	1.32	2	85	2	9	1	1.41
90	.	.	.	.	.	.	1	95	1	12	.	1.40	1	95	1	12	.	1.40
110	2	117	2	19	4	1.15	4	116	4	20	1	1.27	6	116	6	19	2	1.23
120	3	126	3	24	1	1.19	25	126	25	27	2	1.34	28	126	28	27	2	1.32
130	11	135	11	32	3	1.29	61	135	61	32	3	1.30	72	135	72	32	3	1.30
140	12	143	12	36	3	1.24	84	145	84	40	4	1.30	96	145	96	39	4	1.30
150	13	153	13	47	4	1.30	43	154	43	48	4	1.29	56	154	56	47	4	1.30
160	5	164	5	57	3	1.31	21	164	21	61	7	1.38	26	164	26	61	7	1.37
170	.	.	.	.	.	.	10	175	10	73	5	1.36	10	175	10	73	5	1.36
180	.	.	.	.	.	.	11	184	11	89	10	1.42	11	184	11	89	10	1.42
190	.	.	.	.	.	.	6	194	6	108	10	1.49	6	194	6	108	10	1.49
200	1	203	1	118	.	1.41	10	206	10	132	9	1.52	11	206	11	131	10	1.51
210	4	217	4	142	8	1.40	16	213	16	139	6	1.43	20	214	20	140	6	1.42
220	5	225	5	150	9	1.31	12	224	12	161	13	1.42	17	224	17	157	13	1.39
230	2	237	2	183	7	1.38	5	234	5	187	9	1.46	7	235	7	186	8	1.44
240	3	243	3	205	29	1.42	14	245	14	207	18	1.41	17	245	17	207	19	1.41
250	4	254	4	216	9	1.32	30	255	30	245	26	1.47	34	255	34	241	26	1.46
260	1	260	1	270	.	1.54	27	265	27	272	26	1.46	28	265	28	272	26	1.46
270	.	.	.	.	.	.	28	275	28	309	31	1.48	28	275	28	309	31	1.48
280	.	.	.	.	.	.	27	284	27	336	40	1.46	27	284	27	336	40	1.46
290	.	.	.	.	.	.	9	294	9	388	29	1.52	9	294	9	388	29	1.52
300	.	.	.	.	.	.	5	303	5	393	33	1.42	5	303	5	393	33	1.42
310	.	.	.	.	.	.	1	313	1	471	.	1.54	1	313	1	471	.	1.54
TOTAL/MEAN	67	170	67	80	69	1.31	452	192	452	131	119	1.38	520	189	520	124	115	1.37

Table 64. Length and weight data, by 10mm fork length intervals, for yellow perch caught by gill nets in Dauphin Lake, summer, 1987.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
.	.	.	.	.	.	.	0	.	1	77	.	.	0	.	1	77	.	.
60	.	.	.	.	.	.	1	68	1	5	.	1.59	1	68	1	5	.	1.59
70	8	75	8	5	1	1.26	3	75	3	5	0	1.18	12	75	12	5	1	1.26
80	2	82	2	7	0	1.30	2	84	2	7	1	1.20	4	83	4	7	1	1.25
90	2	94	2	11	1	1.32	1	97	1	14	.	1.53	3	95	3	12	2	1.39
100	1	108	1	17	.	1.35	.	.	.	.	.	.	1	108	1	17	.	1.35
120	2	124	2	26	4	1.36	3	125	3	29	1	1.49	5	125	5	28	3	1.44
130	19	135	19	35	4	1.42	13	136	13	36	4	1.45	32	136	32	36	4	1.43
140	20	144	20	44	5	1.47	36	145	36	44	5	1.43	56	145	56	44	5	1.44
150	21	155	21	55	5	1.48	54	155	54	55	5	1.50	75	155	75	55	5	1.49
160	8	164	8	66	6	1.48	53	165	53	67	6	1.50	61	165	61	67	6	1.50
170	4	174	4	78	6	1.50	28	174	28	78	5	1.50	32	174	32	78	5	1.50
180	2	183	2	97	9	1.57	14	185	14	96	9	1.52	16	184	16	96	9	1.53
190	2	194	2	109	18	1.48	15	196	15	115	8	1.52	17	196	17	114	9	1.51
200	1	209	1	128	.	1.40	25	205	25	131	8	1.52	26	205	26	131	8	1.52
210	.	.	.	.	.	.	26	214	26	148	9	1.52	26	214	26	148	9	1.52
220	1	220	1	165	.	1.55	20	223	20	164	13	1.46	21	223	21	164	12	1.47
230	1	233	1	227	.	1.79	11	233	11	199	18	1.57	12	233	12	201	19	1.59
240	.	.	.	.	.	.	4	245	4	235	13	1.60	4	245	4	235	13	1.60
250	1	253	1	263	.	1.62	7	256	7	258	20	1.54	8	256	8	259	19	1.55
260	.	.	.	.	.	.	20	264	20	275	25	1.49	20	264	20	275	25	1.49
270	.	.	.	.	.	.	16	275	16	310	21	1.50	16	275	16	310	21	1.50
280	.	.	.	.	.	.	23	285	23	351	24	1.52	23	285	23	351	24	1.52
290	.	.	.	.	.	.	8	293	8	355	40	1.42	8	293	8	355	40	1.42
300	.	.	.	.	.	.	3	304	3	443	46	1.58	3	304	3	443	46	1.58
TOTAL/MEAN	95	144	95	51	39	1.44	386	195	387	135	104	1.49	482	185	483	118	101	1.48

Table 65. Length and weight data, by 10mm fork length intervals, for yellow perch caught by gill nets in Dauphin Lake, fall, 1987.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
80	.	.	.	.	.	.	1	83	1	7	.	1.22	1	83	1	7	.	1.22
90	1	98	1	13	.	1.38	1	98	1	12	.	1.27	2	98	2	13	1	1.33
100	3	105	3	16	2	1.42	.	.	.	.	.	.	3	105	3	16	2	1.42
110	1	115	1	20	.	1.32	1	113	1	20	.	1.39	2	114	2	20	0	1.35
120	.	.	.	.	.	.	2	127	2	30	1	1.46	2	127	2	30	1	1.46
130	6	135	6	34	3	1.36	12	134	12	33	2	1.38	18	134	18	33	2	1.38
140	13	144	13	42	4	1.40	8	143	8	38	3	1.32	21	144	21	41	4	1.37
150	10	154	10	53	5	1.45	8	156	8	53	5	1.41	18	155	18	53	5	1.43
160	12	163	12	62	4	1.41	26	165	26	66	7	1.46	38	164	38	65	7	1.45
170	7	176	7	79	5	1.46	16	175	16	80	6	1.50	23	175	23	80	6	1.49
180	3	185	3	91	6	1.45	22	184	22	91	7	1.47	25	184	25	91	7	1.47
190	1	193	1	110	.	1.53	27	194	27	109	9	1.49	28	194	28	109	9	1.49
200	2	200	2	128	21	1.60	22	204	22	128	10	1.51	24	203	24	128	10	1.52
210	1	217	1	170	.	1.66	23	214	23	150	8	1.53	24	214	24	151	9	1.54
220	.	.	.	.	.	.	20	224	20	174	15	1.54	20	224	20	174	15	1.54
230	1	238	1	208	.	1.54	16	234	16	203	18	1.58	17	235	17	204	18	1.58
240	1	247	1	185	.	1.23	11	242	11	229	16	1.61	12	243	12	226	20	1.58
250	1	254	1	243	.	1.48	3	256	3	276	34	1.65	4	255	4	268	32	1.61
260	.	.	.	.	.	.	6	264	6	285	18	1.55	6	264	6	285	18	1.55
270	.	.	.	.	.	.	11	275	11	333	20	1.61	11	275	11	333	20	1.61
280	.	.	.	.	.	.	14	284	14	361	26	1.58	14	284	14	361	26	1.58
290	.	.	.	.	.	.	13	294	13	395	28	1.56	13	294	13	395	28	1.56
300	.	.	.	.	.	.	1	304	1	467	.	1.66	1	304	1	467	.	1.66
310	.	.	.	.	.	.	2	314	2	482	40	1.56	2	314	2	482	40	1.56
TOTAL/MEAN	63	159	63	65	44	1.43	266	208	266	160	110	1.51	329	199	329	142	108	1.49

Table 66. Length and weight data, by 10mm fork length intervals, for yellow perch caught by gill nets in Dauphin Lake, fall, 1988

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
.	0	.	1	32	.	.	0	.	1	125	.	.	0	.	2	79	66	.
50	3	59	3	2	1	1.15	1	59	1	2	.	0.97	4	59	4	2	1	1.11
60	21	65	21	3	1	1.12	10	66	10	3	0	1.15	31	65	31	3	1	1.13
70	4	72	4	5	1	1.29	6	73	6	5	1	1.26	10	72	10	5	1	1.27
80	2	84	2	8	1	1.29	.	.	.	.	.	.	2	84	2	8	1	1.29
100	1	108	1	17	.	1.35	2	108	2	17	0	1.35	3	108	3	17	0	1.35
110	6	115	6	20	2	1.32	6	114	5	20	2	1.38	12	114	11	20	2	1.35
120	35	126	35	29	3	1.43	21	126	21	27	3	1.37	56	126	56	28	3	1.41
130	68	134	68	32	3	1.35	37	133	37	31	3	1.31	105	134	105	32	3	1.34
140	37	144	37	43	4	1.43	38	145	38	42	4	1.39	75	144	75	42	4	1.41
150	23	154	23	54	4	1.47	35	154	35	54	5	1.46	58	154	58	54	5	1.46
160	21	164	21	66	7	1.50	32	164	32	64	5	1.45	53	164	53	65	6	1.47
170	9	174	9	76	5	1.44	27	174	27	80	7	1.51	36	174	36	79	7	1.49
180	4	184	4	96	9	1.55	8	184	8	95	13	1.52	12	184	12	95	11	1.53
190	9	196	9	117	7	1.56	19	195	19	117	12	1.57	28	195	28	117	11	1.57
200	9	205	9	132	9	1.54	29	206	29	134	9	1.54	38	205	38	133	9	1.54
210	6	214	6	159	13	1.62	35	216	35	156	12	1.55	41	215	41	156	12	1.56
220	3	227	3	189	3	1.61	47	224	47	179	13	1.59	50	224	50	180	13	1.59
230	.	.	.	.	.	.	44	234	44	207	18	1.61	44	234	44	207	18	1.61
240	1	241	1	255	.	1.82	25	243	25	239	22	1.65	26	243	26	239	22	1.66
250	.	.	.	.	.	.	10	254	10	262	20	1.61	10	254	10	262	20	1.61
260	.	.	.	.	.	.	5	263	5	287	17	1.59	5	263	5	287	17	1.59
270	.	.	.	.	.	.	5	273	5	335	12	1.64	5	273	5	335	12	1.64
280	.	.	.	.	.	.	4	282	4	363	13	1.62	4	282	4	363	13	1.62
290	.	.	.	.	.	.	5	295	5	408	44	1.59	5	295	5	408	44	1.59
300	.	.	.	.	.	.	1	303	1	446	.	1.60	1	303	1	446	.	1.60
310	.	.	.	.	.	.	1	311	1	516	.	1.72	1	311	1	516	.	1.72
TOTAL/MEAN	262	140	263	49	39	1.40	453	187	453	123	91	1.49	715	170	716	96	84	1.46

Table 67. Length and weight data, by 10mm fork length intervals, for yellow perch caught by gill nets in Dauphin Lake, fall, 1989.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
50	.	.	.	.	.	.	1	54	1	2	.	1.27	1	54	1	2	.	1.27
60	.	.	.	.	.	.	2	67	2	4	1	1.16	2	67	2	4	1	1.16
90	2	97	2	12	1	1.31	3	94	3	10	2	1.24	5	95	5	11	2	1.27
100	14	105	14	15	2	1.33	12	105	12	15	1	1.29	26	105	26	15	1	1.31
110	28	115	28	21	2	1.39	24	114	24	20	2	1.32	52	115	52	21	2	1.36
120	33	125	33	27	2	1.39	25	125	25	26	2	1.34	58	125	58	27	2	1.37
130	29	134	29	33	3	1.35	26	134	26	32	3	1.32	55	134	55	32	3	1.34
140	13	145	13	43	4	1.41	11	144	11	39	4	1.31	24	145	24	41	4	1.37
150	27	155	27	54	6	1.46	14	156	14	51	4	1.35	41	155	41	53	6	1.42
160	52	164	52	65	5	1.47	37	164	37	62	4	1.40	89	164	89	64	5	1.44
170	26	172	26	75	6	1.47	54	175	54	76	6	1.43	81	174	81	76	6	1.44
180	19	184	19	95	8	1.52	37	183	37	91	9	1.47	56	184	56	92	9	1.49
190	9	193	9	110	9	1.53	30	195	30	110	9	1.49	39	194	39	110	9	1.50
200	8	205	8	133	6	1.54	49	205	49	131	10	1.52	57	205	57	131	9	1.53
210	8	214	8	153	12	1.55	49	213	49	142	9	1.46	57	214	57	143	10	1.47
220	5	224	5	169	3	1.50	44	225	44	168	13	1.48	49	224	49	168	13	1.48
230	.	.	.	.	.	.	39	235	39	195	15	1.51	39	235	39	195	15	1.51
240	1	246	1	198	.	1.33	29	244	29	223	16	1.53	30	244	30	222	16	1.52
250	.	.	.	.	.	.	23	253	23	255	20	1.57	23	253	23	255	20	1.57
260	1	261	1	252	.	1.42	6	263	6	283	9	1.55	7	263	7	279	14	1.53
270	.	.	.	.	.	.	3	271	3	312	11	1.56	3	271	3	312	11	1.56
280	.	.	.	.	.	.	2	284	2	329	4	1.44	2	284	2	329	4	1.44
TOTAL/MEAN	275	154	275	60	39	1.44	520	189	520	116	73	1.44	796	177	796	96	69	1.44

Table 68. Length and weight data, by 10mm fork length intervals, for cisco caught by gill nets in Dauphin Lake, summer, 1984.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
110	.	.	.	.	.	.	.	.	.	.	.	.	5	118	5	18	3	1.06
120	17	126	17	24	3	1.19	16	124	16	22	3	1.16	66	125	66	23	3	1.18
130	9	132	9	26	4	1.12	10	132	10	24	2	1.07	37	132	37	25	3	1.09
140	3	146	3	37	7	1.20	.	.	.	.	.	.	5	146	5	37	5	1.20
150	8	156	8	50	7	1.32	16	156	16	52	6	1.36	27	156	27	51	6	1.35
160	40	163	40	59	8	1.35	42	164	42	59	5	1.34	87	164	87	59	7	1.33
170	43	174	43	69	7	1.32	42	173	41	70	7	1.35	90	174	89	70	7	1.34
180	22	184	22	80	10	1.29	16	184	16	80	8	1.29	39	184	39	79	10	1.28
190	4	194	4	92	10	1.26	1	190	1	88	.	1.28	5	193	5	91	9	1.26
200	2	202	2	115	14	1.39	1	205	1	145	.	1.68	3	203	3	125	20	1.49
210	2	216	2	143	32	1.41	.	.	.	.	.	.	2	216	2	143	32	1.41
220	2	226	2	180	0	1.56	1	227	1	215	.	1.84	3	226	3	192	20	1.65
230	4	233	4	183	21	1.44	6	235	6	194	37	1.50	10	234	10	190	31	1.48
240	14	246	14	239	16	1.61	10	245	10	226	18	1.55	24	245	24	234	18	1.58
250	20	255	20	264	26	1.60	15	254	15	282	26	1.60	35	255	35	263	25	1.60
260	25	264	25	297	19	1.62	21	264	21	298	24	1.62	47	264	47	298	22	1.62
270	10	274	10	319	30	1.55	16	274	16	328	26	1.60	26	274	26	324	28	1.58
280	5	283	5	357	42	1.58	9	284	9	372	30	1.62	14	284	14	367	34	1.61
290	4	295	4	400	45	1.56	3	291	3	420	30	1.71	7	293	7	409	38	1.62
300	.	.	.	.	.	.	1	309	1	395	.	1.34	1	309	1	395	.	1.34
TOTAL/MEAN	234	199	234	140	113	1.40	226	198	225	144	121	1.41	533	190	532	127	115	1.37

Table 69. Length and weight data, by 10mm fork length intervals, for cisco caught by gill nets in Dauphin Lake, fall, 1984.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
120	14	126	14	24	2	1.21	24	127	24	24	2	1.19	38	126	38	24	2	1.20
130	113	134	113	28	3	1.15	107	134	107	28	2	1.14	220	134	220	28	3	1.15
140	45	143	45	33	4	1.13	53	143	53	34	3	1.15	98	143	98	33	3	1.14
150	8	153	8	43	4	1.22	11	153	11	38	8	1.06	19	153	19	40	7	1.13
160	7	165	7	56	5	1.24	9	166	9	62	7	1.34	16	166	16	59	7	1.30
170	13	175	13	69	8	1.27	8	173	8	69	9	1.34	21	174	21	69	8	1.30
180	13	185	13	90	9	1.42	22	184	22	83	8	1.33	35	184	35	86	9	1.37
190	23	194	23	102	9	1.40	18	194	18	104	9	1.41	41	194	41	103	9	1.41
200	14	204	14	117	12	1.39	8	201	8	117	11	1.43	22	203	22	117	12	1.40
210	5	214	5	140	15	1.42	3	214	3	168	21	1.72	8	214	8	151	21	1.53
220	3	225	3	179	18	1.57	3	223	3	172	8	1.55	6	224	6	176	13	1.56
230	5	236	5	206	15	1.57	4	235	4	193	26	1.49	9	235	9	200	20	1.54
240	12	244	12	229	31	1.56	15	244	15	242	21	1.66	27	244	27	236	27	1.62
250	18	254	18	259	21	1.58	21	254	21	261	23	1.59	39	254	39	260	22	1.58
260	32	264	32	290	28	1.58	28	264	28	296	20	1.61	60	264	60	293	25	1.59
270	33	273	33	328	22	1.61	20	273	20	334	18	1.64	53	273	53	330	20	1.62
280	15	283	15	351	31	1.55	9	284	9	386	26	1.68	24	284	24	364	33	1.60
290	3	292	3	360	72	1.45	5	293	5	409	38	1.63	8	292	8	391	55	1.56
300	4	304	4	458	58	1.62	2	300	2	433	22	1.60	6	303	6	449	48	1.62
310	3	312	3	487	50	1.61	.	.	.	.	.	.	3	312	3	487	50	1.61
TOTAL/MEAN	383	190	383	134	129	1.34	370	182	370	118	121	1.33	753	186	753	126	125	1.33

Table 70. Length and weight data, by 10mm fork length intervals, for cisco caught by gill nets in Dauphin Lake, spring, 1985.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
130	3	137	3	33	5	1.26	1	139	1	34	.	1.27	4	138	4	33	4	1.26
140	13	147	13	39	3	1.25	8	145	8	40	4	1.31	21	146	21	40	4	1.27
150	53	155	53	49	4	1.31	38	155	38	49	5	1.31	91	155	91	49	4	1.31
160	49	164	49	57	6	1.31	44	164	44	57	5	1.31	94	164	94	57	5	1.31
170	10	175	10	70	4	1.31	8	173	8	67	6	1.31	18	174	18	69	5	1.31
180	4	185	4	89	8	1.41	2	186	2	91	2	1.41	6	185	6	90	7	1.41
190	5	198	5	106	4	1.37	7	195	7	102	8	1.38	12	196	12	104	7	1.38
200	15	205	15	122	8	1.41	22	205	22	123	7	1.41	37	205	37	122	7	1.41
210	9	213	9	138	14	1.44	6	213	6	137	11	1.42	15	213	15	138	13	1.43
220	2	225	2	165	34	1.45	1	220	1	149	.	1.40	3	223	3	160	26	1.43
230	2	232	2	185	1	1.48	.	.	.	.	.	.	2	232	2	185	1	1.48
240	2	246	2	217	37	1.45	6	243	6	194	24	1.35	8	244	8	200	27	1.37
250	7	256	7	241	18	1.44	5	254	5	251	27	1.52	12	255	12	245	22	1.48
260	13	267	13	284	19	1.50	7	265	7	258	33	1.39	20	266	20	275	27	1.46
270	8	275	8	292	20	1.41	4	273	4	298	21	1.46	12	274	12	294	19	1.43
280	10	285	10	329	23	1.42	5	283	5	342	40	1.50	15	284	15	333	29	1.45
290	2	291	2	379	16	1.55	1	293	1	389	.	1.55	3	291	3	382	12	1.55
300	1	308	1	426	.	1.46	.	.	.	.	.	.	1	308	1	426	.	1.46
310	1	317	1	444	.	1.39	.	.	.	.	.	.	1	317	1	444	.	1.39
TOTAL/MEAN	209	191	209	117	101	1.35	165	187	165	105	83	1.35	375	189	375	112	93	1.35

Table 71. Length and weight data, by 10mm fork length intervals, for cisco caught by gill nets in Dauphin Lake, summer, 1985.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
120	5	126	5	24	3	1.22	.	.	.	.	.	.	5	126	5	24	3	1.22
140	2	148	2	43	1	1.32	1	148	1	37	.	1.14	3	148	3	41	3	1.26
150	16	156	16	48	5	1.28	11	156	11	50	4	1.31	27	156	27	49	4	1.29
160	24	164	24	55	5	1.26	19	165	19	56	6	1.26	43	164	43	56	5	1.26
170	23	173	23	67	4	1.30	12	174	12	68	5	1.25	35	173	35	67	5	1.29
180	6	185	6	83	9	1.30	5	185	5	85	6	1.34	11	185	11	84	7	1.32
190	8	195	8	106	11	1.42	16	196	16	106	12	1.40	24	196	24	106	11	1.41
200	24	203	24	116	6	1.38	18	204	18	118	9	1.39	44	204	44	117	8	1.38
210	16	214	16	131	12	1.35	14	213	14	134	9	1.38	32	213	32	132	10	1.37
220	15	222	15	149	9	1.36	11	222	11	147	10	1.34	28	222	28	149	10	1.35
230	2	232	2	167	3	1.35	4	233	4	168	9	1.32	8	233	8	166	7	1.31
240	.	.	.	.	.	.	2	249	2	191	1	1.24	3	247	3	201	19	1.35
250	6	255	6	239	9	1.44	9	256	9	246	21	1.47	15	256	15	243	17	1.46
260	7	265	7	257	21	1.38	18	263	18	264	24	1.44	26	264	26	262	23	1.42
270	15	275	15	302	23	1.45	14	275	14	305	19	1.47	29	275	29	303	21	1.46
280	10	286	10	337	27	1.44	9	284	9	341	24	1.49	19	285	19	339	25	1.47
290	.	.	.	.	.	.	2	293	2	358	10	1.42	2	293	2	358	10	1.42
300	1	306	1	370	.	1.27	1	301	1	432	.	1.58	2	305	2	401	44	1.43
310	1	315	1	489	.	1.56	.	.	.	.	.	.	1	315	1	489	.	1.56
TOTAL/MEAN	181	205	181	136	97	1.35	166	217	166	161	99	1.37	357	211	357	148	97	1.36

Table 72. Length and weight data, by 10mm fork length intervals, for cisco caught by gill nets in Dauphin Lake, fall, 1985.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
120	3	126	3	25	1	1.26	6	128	6	27	1	1.30	10	127	10	27	1	1.29
130	5	133	5	29	4	1.22	6	134	6	29	1	1.19	11	134	11	29	3	1.20
140	.	.	.	.	.	.	1	143	1	38	.	1.30	1	143	1	38	.	1.30
150	4	157	4	50	6	1.29	1	159	1	52	.	1.29	5	157	5	50	5	1.29
160	5	166	5	62	5	1.34	6	165	6	59	6	1.32	11	166	11	60	6	1.33
170	9	175	9	73	9	1.36	8	174	8	69	6	1.31	17	174	17	71	8	1.34
180	12	184	12	86	8	1.36	6	184	6	81	8	1.30	18	184	18	84	8	1.34
190	9	194	9	102	12	1.39	10	193	10	102	9	1.41	19	194	19	102	10	1.40
200	11	205	11	123	6	1.44	16	206	16	129	11	1.48	27	205	27	127	10	1.47
210	23	214	23	142	12	1.44	18	214	18	141	10	1.44	41	214	41	141	11	1.44
220	11	226	11	160	11	1.40	10	223	10	161	9	1.45	21	225	21	161	10	1.42
230	8	234	8	188	19	1.47	1	233	1	192	.	1.52	9	234	9	188	17	1.47
240	4	244	4	212	13	1.47	6	246	6	216	31	1.46	10	245	10	215	24	1.46
250	6	256	6	253	22	1.51	4	255	4	266	40	1.59	10	256	10	258	29	1.54
260	13	266	13	284	25	1.52	7	264	7	285	22	1.55	20	265	20	284	24	1.53
270	12	274	12	311	28	1.52	5	274	5	316	38	1.54	17	274	17	313	30	1.53
280	8	283	8	333	24	1.47	4	286	4	355	30	1.52	12	284	12	341	27	1.49
290	2	294	2	368	6	1.45	4	294	4	389	27	1.53	6	294	6	382	24	1.50
300	3	302	3	401	24	1.46	.	.	.	.	.	.	3	302	3	401	24	1.46
TOTAL/MEAN	148	220	148	173	100	1.42	119	209	119	153	98	1.42	268	215	268	163	100	1.42

Table 73. Length and weight data, by 10mm fork length intervals, for cisco caught by gill nets in Dauphin Lake, spring, 1986.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
130	3	137	3	33	3	1.26	2	132	2	29	2	1.24	5	135	5	31	3	1.25
140	8	146	8	40	5	1.30	3	144	3	40	1	1.33	11	145	11	40	4	1.31
150	9	155	9	47	5	1.26	8	155	8	50	4	1.35	17	155	17	49	5	1.30
160	1	167	1	69	.	1.48	3	164	3	64	7	1.43	4	165	4	65	7	1.45
170	1	179	1	74	.	1.29	2	177	1	75	.	1.35	4	177	3	79	8	1.43
180	3	182	3	87	3	1.45	12	184	12	86	10	1.38	15	184	15	86	9	1.39
190	10	195	10	103	9	1.38	9	194	9	102	9	1.39	19	195	19	103	9	1.39
200	18	205	18	118	7	1.37	17	203	17	118	7	1.41	35	204	35	118	7	1.39
210	26	214	26	138	10	1.41	7	214	7	136	12	1.39	33	214	33	137	11	1.41
220	11	225	11	159	16	1.40	13	224	13	154	10	1.36	24	224	24	156	13	1.38
230	8	234	8	177	11	1.38	7	233	7	173	18	1.36	15	233	15	175	15	1.37
240	6	243	6	205	11	1.43	2	243	2	180	1	1.26	8	243	8	199	15	1.39
250	3	252	3	213	8	1.33	1	258	1	264	.	1.54	4	254	4	226	26	1.38
260	2	267	2	265	11	1.39	3	267	3	254	15	1.34	5	267	5	258	14	1.36
270	9	275	9	285	19	1.37	5	275	5	262	32	1.26	14	275	14	277	26	1.33
280	2	284	2	308	24	1.35	2	284	2	290	34	1.26	4	284	4	299	26	1.30
290	.	.	.	.	.	.	3	295	3	365	19	1.43	3	295	3	365	19	1.43
300	2	302	2	361	5	1.31	.	.	.	.	.	.	2	302	2	361	5	1.31
310	.	.	.	.	.	.	1	315	1	401	.	1.28	1	315	1	401	.	1.28
TOTAL/MEAN	122	212	122	143	75	1.37	100	209	99	139	79	1.37	223	210	222	141	77	1.37

Table 74. Length and weight data, by 10mm fork length intervals, for cisco caught by gill nets in Dauphin Lake, summer, 1986.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
110	6	117	6	23	1	1.40	.	.	.	.	.	.	6	117	6	23	1	1.40
120	26	124	26	26	2	1.34	5	124	5	25	3	1.34	32	124	32	26	2	1.33
130	10	132	10	31	3	1.34	1	132	1	29	.	1.26	11	132	11	31	2	1.33
140	4	146	4	42	4	1.34	3	145	3	45	3	1.48	7	146	7	43	4	1.40
150	7	156	7	53	4	1.38	4	155	4	49	5	1.31	11	156	11	51	5	1.36
160	6	164	6	60	4	1.35	8	164	8	61	2	1.38	14	164	14	60	3	1.37
170	2	176	2	70	7	1.28	3	172	3	70	1	1.37	5	174	5	70	4	1.34
180	6	185	6	85	9	1.35	4	183	4	90	2	1.47	10	184	10	87	7	1.40
190	21	195	21	108	9	1.45	19	195	19	106	7	1.44	40	195	40	107	8	1.44
200	27	205	27	122	9	1.42	36	205	36	124	7	1.45	63	205	63	123	8	1.44
210	34	214	34	138	9	1.41	19	213	19	139	10	1.43	53	214	53	139	10	1.42
220	19	224	19	160	9	1.42	21	223	21	160	10	1.44	40	224	40	160	9	1.43
230	7	232	7	174	9	1.39	8	233	8	180	9	1.42	15	232	15	177	9	1.41
240	4	244	4	205	27	1.40	3	241	3	184	16	1.31	7	243	7	196	24	1.36
250	3	254	3	244	37	1.48	6	254	6	223	15	1.37	9	254	9	230	24	1.41
260	7	264	7	242	24	1.31	8	264	8	245	12	1.33	15	264	15	244	18	1.32
270	10	273	10	284	20	1.40	7	275	7	279	32	1.34	17	274	17	282	25	1.37
280	4	282	4	305	13	1.36	.	.	.	.	.	.	4	282	4	305	13	1.36
290	4	294	4	323	27	1.28	4	295	4	355	23	1.39	8	294	8	339	29	1.33
300	1	300	1	423	.	1.57	2	305	2	375	18	1.33	3	303	3	391	31	1.41
TOTAL/MEAN	208	198	208	126	82	1.39	161	212	161	146	73	1.41	370	204	370	134	78	1.40

Table 75. Length and weight data, by 10mm fork length intervals, for cisco caught by gill nets in Dauphin Lake, fall, 1986.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
130	2	137	2	38	4	1.46	3	135	3	36	6	1.44	5	136	5	36	5	1.45
140	14	144	14	40	3	1.32	6	146	6	43	4	1.37	20	145	20	41	4	1.34
150	8	155	8	52	6	1.40	7	154	7	51	2	1.38	17	154	17	51	4	1.40
160	2	163	2	61	3	1.42	2	167	2	64	3	1.38	5	164	5	62	3	1.40
170	5	173	5	71	4	1.36	1	176	1	76	.	1.35	6	174	6	72	4	1.36
180	1	189	1	98	.	1.45	.	.	.	.	.	.	1	189	1	98	.	1.45
190	5	196	5	110	7	1.45	5	194	5	103	7	1.42	10	195	10	107	7	1.44
200	9	205	9	133	13	1.53	20	205	20	135	14	1.56	29	205	29	134	13	1.55
210	35	215	35	151	9	1.52	25	214	25	156	14	1.58	60	215	60	153	12	1.55
220	33	224	33	175	14	1.56	32	225	32	181	17	1.59	65	224	65	178	16	1.58
230	24	234	24	200	13	1.56	21	233	21	208	15	1.64	45	234	45	204	14	1.60
240	15	243	15	223	13	1.55	13	244	13	237	13	1.64	28	243	28	230	14	1.59
250	7	253	7	254	18	1.57	8	253	8	266	23	1.65	15	253	15	260	21	1.61
260	7	263	7	279	18	1.54	13	265	13	294	25	1.57	20	264	20	289	23	1.56
270	8	275	8	311	28	1.49	3	274	3	361	47	1.75	11	275	11	325	39	1.56
280	6	284	6	348	40	1.52	5	282	5	370	36	1.65	11	283	11	358	38	1.58
290	6	294	6	371	33	1.46	3	294	3	422	21	1.66	9	294	9	388	38	1.52
300	1	300	1	382	.	1.41	1	302	1	473	.	1.72	2	301	2	428	64	1.57
310	.	.	.	.	.	.	1	311	1	546	.	1.82	2	313	2	488	82	1.60
TOTAL/MEAN	188	221	188	178	86	1.51	169	223	169	192	91	1.58	361	222	361	184	90	1.54

Table 76. Length and weight data, by 10mm fork length intervals, for cisco caught by gill nets in Dauphin Lake, spring, 1987.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
110	2	117	2	22	2	1.34	.	.	.	.	.	.	3	116	3	21	2	1.33
120	40	127	40	26	2	1.29	27	127	27	27	3	1.34	68	127	68	27	2	1.31
130	99	134	99	30	2	1.25	54	134	54	30	3	1.26	153	134	153	30	2	1.25
140	25	144	25	37	4	1.22	16	143	16	35	3	1.21	41	143	41	36	4	1.22
150	5	154	5	47	8	1.28	3	155	3	53	12	1.42	8	154	8	50	9	1.34
160	3	165	3	59	3	1.33	4	167	4	67	5	1.44	7	166	7	64	6	1.39
170	4	174	4	71	6	1.33	4	174	4	73	6	1.39	8	174	8	72	5	1.36
180	1	180	1	83	.	1.42	3	185	3	80	9	1.27	4	184	4	81	7	1.31
190	1	199	1	113	.	1.43	3	196	3	103	15	1.36	4	197	4	105	14	1.38
200	2	206	2	122	13	1.39	7	207	7	122	14	1.39	9	206	9	122	13	1.39
210	13	215	13	149	15	1.51	16	215	16	144	11	1.44	29	215	29	146	13	1.47
220	16	224	16	163	15	1.46	23	225	23	168	16	1.48	39	224	39	166	15	1.47
230	14	234	14	189	18	1.47	18	234	18	186	14	1.46	33	234	33	187	16	1.46
240	20	245	20	218	17	1.49	17	244	17	217	18	1.49	37	245	37	217	17	1.49
250	5	254	5	230	4	1.41	7	253	7	234	19	1.44	12	254	12	232	14	1.43
260	9	263	9	259	28	1.43	3	265	3	275	17	1.48	12	263	12	263	26	1.44
270	4	275	4	292	14	1.40	4	272	4	271	46	1.35	8	274	8	281	33	1.37
280	9	284	9	336	22	1.46	3	284	3	323	36	1.41	12	284	12	333	24	1.45
290	6	295	6	365	41	1.42	2	292	2	325	4	1.30	8	294	8	355	39	1.39
300	2	306	2	396	31	1.39	3	305	3	354	16	1.25	5	305	5	371	30	1.31
TOTAL/MEAN	280	176	280	101	102	1.33	217	186	217	113	90	1.36	500	180	500	106	97	1.34

Table 77. Length and weight data, by 10mm fork length intervals, for cisco caught by gill nets in Dauphin Lake, summer, 1987.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
120	45	126	45	27	3	1.37	26	127	26	28	3	1.36	74	126	74	27	3	1.36
130	98	135	98	33	4	1.34	78	135	78	33	4	1.34	181	135	181	33	4	1.33
140	77	143	77	40	4	1.34	49	144	49	40	5	1.33	130	144	130	39	4	1.33
150	20	153	20	50	4	1.38	13	152	13	48	5	1.37	33	153	33	49	4	1.38
160	3	162	3	56	9	1.31	1	161	1	56	.	1.34	4	162	4	56	8	1.32
170	8	174	8	77	8	1.47	3	176	3	78	5	1.43	11	174	11	77	7	1.46
180	5	183	5	93	12	1.50	5	184	5	94	13	1.52	10	183	10	93	12	1.51
190	4	193	4	104	9	1.44	3	197	3	120	6	1.57	7	195	7	111	11	1.49
200	10	205	10	130	8	1.50	5	205	5	123	7	1.44	15	205	15	128	8	1.48
210	15	215	15	149	12	1.50	10	217	10	148	6	1.45	25	216	25	149	10	1.48
220	20	225	20	173	11	1.52	22	225	22	169	12	1.48	42	225	42	171	12	1.50
230	22	235	22	188	15	1.46	21	234	21	196	19	1.52	43	235	43	192	17	1.49
240	16	243	16	217	12	1.51	29	245	29	221	16	1.51	45	244	45	220	15	1.51
250	15	254	15	247	19	1.52	14	255	14	245	28	1.48	29	254	29	246	23	1.50
260	11	264	11	281	21	1.52	9	266	9	279	33	1.49	20	265	20	280	27	1.51
270	7	274	7	286	17	1.40	5	274	5	288	28	1.40	12	274	12	287	21	1.40
280	5	284	5	309	31	1.34	5	284	5	311	30	1.36	10	284	10	310	29	1.35
290	9	294	9	356	21	1.40	5	292	5	325	13	1.30	14	293	14	345	24	1.37
310	.	.	.	.	.	.	1	311	1	442	.	1.47	1	311	1	442	.	1.47
320	.	.	.	.	.	.	.	.	.	.	.	.	1	321	1	445	.	1.35
TOTAL/MEAN	390	174	390	98	93	1.40	304	183	304	113	96	1.40	707	178	707	104	95	1.40

Table 78. Length and weight data, by 10mm fork length intervals, for cisco caught by gill nets in Dauphin Lake, fall, 1987.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
110	1	116	1	21	.	1.35	.	.	.	.	.	.	1	116	1	21	.	1.35
120	.	.	.	.	.	.	2	124	2	28	1	1.44	2	124	2	28	1	1.44
130	.	.	.	.	.	.	1	130	1	31	.	1.41	1	130	1	31	.	1.41
140	4	146	4	44	5	1.40	6	146	6	43	4	1.37	10	146	10	43	4	1.38
150	33	155	33	51	4	1.36	20	156	20	52	3	1.37	53	155	53	51	4	1.36
160	61	165	61	63	5	1.40	51	166	51	64	6	1.41	112	165	112	63	6	1.40
170	45	174	45	75	6	1.42	26	173	26	73	6	1.41	71	173	71	74	6	1.42
180	16	184	16	92	8	1.48	23	184	23	91	8	1.47	39	184	39	91	8	1.47
190	14	193	14	108	8	1.50	10	194	10	112	5	1.53	24	193	24	110	7	1.52
200	11	204	11	132	14	1.54	10	204	10	128	8	1.50	21	204	21	130	12	1.52
210	12	215	12	151	12	1.53	16	216	16	160	10	1.59	28	215	28	156	12	1.57
220	11	224	11	182	17	1.61	17	225	17	185	18	1.63	28	225	28	184	17	1.62
230	18	235	18	208	18	1.60	24	235	24	221	22	1.71	43	235	43	216	21	1.67
240	35	244	35	239	18	1.64	28	245	28	252	22	1.72	63	244	63	245	21	1.68
250	52	255	52	280	23	1.69	48	255	48	293	22	1.77	100	255	100	286	23	1.73
260	49	264	49	307	26	1.67	29	263	29	327	30	1.79	78	264	78	315	29	1.72
270	27	273	27	352	24	1.73	15	273	15	374	21	1.83	42	273	42	360	25	1.77
280	12	285	12	384	35	1.66	9	283	9	411	31	1.81	21	284	21	396	35	1.72
290	8	295	8	432	20	1.69	2	296	2	431	34	1.67	10	295	10	432	21	1.68
300	4	303	4	449	28	1.62	5	303	5	473	38	1.70	9	303	9	462	34	1.66
310	3	315	3	556	30	1.78	1	310	1	476	.	1.60	4	314	4	536	47	1.73
320	1	320	1	553	.	1.69	.	.	.	.	.	.	1	320	1	553	.	1.69
TOTAL/MEAN	417	219	417	193	124	1.56	343	216	343	191	120	1.60	761	218	761	193	122	1.58

Table 79. Length and weight data, by 10mm fork length intervals, for cisco caught by gill nets in Dauphin Lake, fall, 1988.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
130	2	138	2	33	1	1.27	.	.	.	.	.	.	2	138	2	33	1	1.27
140	22	146	22	41	4	1.32	14	145	14	39	3	1.29	36	145	36	40	4	1.31
150	57	155	57	49	4	1.32	31	155	31	51	4	1.37	88	155	88	50	4	1.34
160	48	164	48	60	4	1.35	45	164	45	58	4	1.31	93	164	93	59	4	1.33
170	13	173	13	69	6	1.33	9	173	9	71	5	1.38	22	173	22	70	5	1.35
180	7	183	7	83	7	1.35	3	185	3	86	12	1.36	10	184	10	84	8	1.35
190	13	196	13	112	10	1.48	7	198	7	113	9	1.46	20	197	20	112	9	1.47
200	40	205	40	127	9	1.48	38	205	38	128	9	1.49	78	205	78	127	9	1.48
210	45	215	45	147	13	1.48	43	215	43	148	11	1.49	88	215	88	147	12	1.49
220	42	224	42	168	14	1.50	35	224	35	169	17	1.51	77	224	77	169	16	1.51
230	19	235	19	192	18	1.48	18	234	18	195	18	1.53	37	234	37	193	18	1.50
240	22	245	22	231	17	1.57	14	244	14	223	26	1.53	36	245	36	228	21	1.55
250	27	255	27	263	18	1.59	14	253	14	246	23	1.51	41	254	41	257	21	1.57
260	24	264	24	295	23	1.60	9	265	9	311	16	1.66	33	265	33	299	22	1.61
270	17	274	17	320	40	1.56	10	272	10	315	14	1.56	27	273	27	318	33	1.56
280	6	283	6	361	28	1.59	6	282	6	330	48	1.47	13	283	13	337	49	1.49
290	2	293	2	383	10	1.52	3	296	3	453	38	1.74	5	295	5	425	47	1.65
300	.	.	.	.	.	.	1	300	1	439	.	1.63	1	300	1	439	.	1.63
310	1	310	1	405	.	1.36	.	.	.	.	.	.	1	310	1	405	.	1.36
TOTAL/MEAN	407	206	407	147	92	1.45	300	206	300	144	88	1.45	708	206	708	146	91	1.45

Table 80. Length and weight data, by 10mm fork length intervals, for cisco caught by gill nets in Dauphin Lake, fall, 1989.

LENGTH INTERVAL (mm)	MALES						FEMALES						COMBINED					
	LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)				LENGTH (mm)		WEIGHT (g)			
	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K	N	MEAN	N	MEAN	SD	K
120	3	127	3	26	1	1.28	2	123	2	28	1	1.50	5	125	5	27	1	1.37
130	15	135	15	32	4	1.28	8	137	8	33	3	1.28	23	136	23	32	3	1.28
140	16	144	16	39	4	1.31	11	144	11	37	5	1.24	27	144	27	38	4	1.28
150	3	152	3	45	3	1.27	4	153	4	43	4	1.21	7	152	7	44	3	1.24
170	1	173	1	81	.	1.56	.	.	.	.	.	.	1	173	1	81	.	1.56
180	7	186	7	94	8	1.47	6	184	6	95	9	1.51	13	185	13	94	8	1.48
190	17	195	17	110	6	1.48	24	195	24	113	12	1.52	41	195	41	112	10	1.51
200	31	204	31	127	7	1.49	29	204	29	130	12	1.53	60	204	60	129	9	1.51
210	28	214	28	144	11	1.47	25	214	25	146	12	1.49	53	214	53	145	11	1.48
220	18	224	18	167	13	1.49	18	225	18	181	13	1.59	36	224	36	174	15	1.54
230	25	234	25	200	19	1.55	25	235	25	207	17	1.60	50	235	50	204	18	1.58
240	23	245	23	228	17	1.56	21	244	21	230	12	1.59	44	244	44	229	15	1.57
250	15	253	15	245	18	1.51	9	254	9	271	19	1.65	24	254	24	255	22	1.56
260	10	264	10	284	25	1.54	3	263	3	291	8	1.60	13	264	13	285	22	1.56
270	7	275	7	296	45	1.42	4	277	4	322	60	1.51	11	275	11	305	49	1.46
280	2	285	2	309	67	1.34	1	287	1	332	.	1.40	3	285	3	316	49	1.36
290	3	295	3	369	3	1.44	1	290	1	368	.	1.51	4	294	4	369	3	1.46
300	1	303	1	448	.	1.61	.	.	.	.	.	.	1	303	1	448	.	1.61
310	2	316	2	501	35	1.59	.	.	.	.	.	.	2	316	2	501	35	1.59
TOTAL/MEAN	227	214	227	163	89	1.47	191	211	191	158	74	1.52	418	213	418	160	82	1.49

Table 81. Length and weight data, by age, for walleye caught by gill nets in Dauphin Lake, summer, 1984.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	.	.	.	.	.	.	.	3	198	23	3	80	19	1.03	21	201	14	21	84	16	1.02
2	3	291	10	3	300	10	1.23	5	297	20	5	318	69	1.20	10	295	14	10	311	47	1.20
4	2	407	7	2	855	64	1.27	1	437	.	1	1150	.	1.38	3	417	18	3	953	176	1.30
5	49	445	13	49	1122	108	1.27	60	461	13	60	1280	121	1.31	109	454	15	109	1209	140	1.29
6	1	466	.	1	1440	.	1.42	7	493	11	7	1571	132	1.31	8	490	14	8	1555	131	1.32
8	.	.	.	.	.	.	.	1	581	.	1	3060	.	1.56	1	581	.	1	3060	.	1.56
9	.	.	.	.	.	.	.	2	559	6	2	2528	81	1.45	2	559	6	2	2528	81	1.45
10	.	.	.	.	.	.	.	1	597	.	1	2770	.	1.30	1	597	.	1	2770	.	1.30
14	1	602	.	1	2800	.	1.28	.	.	.	.	.	.	.	1	602	.	1	2800	.	1.28
TOTAL/MEAN	56	438	44	56	1104	320	1.27	80	449	71	80	1271	491	1.30	156	415	98	156	1062	548	1.26

Table 82. Length and weight data, by age, for walleye caught by gill nets in Dauphin Lake, fall, 1984.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	3	269	13	3	225	23	1.16	24	263	13	24	217	34	1.18	27	264	12	27	218	33	1.18
2	4	344	13	4	515	73	1.26	9	346	17	9	532	91	1.27	13	345	15	13	526	83	1.27
3	1	420	.	1	1007	.	1.36	.	.	.	.	.	.	.	1	420	.	1	1007	.	1.36
4	2	419	13	2	982	235	1.32	.	.	.	.	.	.	.	2	419	13	2	982	235	1.32
5	9	463	14	9	1380	133	1.38	11	491	13	11	1612	135	1.36	20	479	19	20	1508	176	1.37
6	1	469	.	1	1549	.	1.50	.	.	.	.	.	.	.	1	469	.	1	1549	.	1.50
TOTAL/MEAN	20	404	76	20	984	490	1.32	44	337	97	44	630	592	1.24	64	358	95	64	741	582	1.27

Table 83. Length and weight data, by age, for walleye caught by gill nets in Dauphin Lake, spring, 1985.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	1	178	.	1	55	.	0.98	.	.	.	.	.	.	.	1	178	.	1	55	.	0.98
2	17	265	12	17	211	29	1.13	10	276	14	10	240	32	1.14	27	269	13	27	222	32	1.14
3	12	353	9	12	524	50	1.19	8	340	16	8	478	80	1.20	20	348	13	20	506	66	1.20
6	7	467	17	7	1183	162	1.16	19	484	19	19	1397	151	1.23	26	479	20	26	1339	179	1.21
7	.	.	.	.	.	.	.	2	526	13	2	1860	30	1.28	2	526	13	2	1860	30	1.28
TOTAL/MEAN	37	329	81	37	492	376	1.15	39	403	97	39	936	579	1.21	76	367	97	76	720	536	1.18

Table 84. Length and weight data, by age, for walleye caught by gill nets in Dauphin Lake, summer, 1985.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2	34	298	12	34	294	38	1.11	43	301	16	43	304	48	1.11	1	164	.	1	42	.	0.95
3	19	374	18	19	646	91	1.22	14	379	10	14	684	50	1.26	77	300	14	77	300	43	1.11
4	.	.	.	.	.	.	.	1	430	.	1	913	.	1.15	33	376	15	33	662	78	1.24
5	1	458	.	1	1001	.	1.04	1	474	.	1	1331	.	1.25	1	430	.	1	913	.	1.15
6	10	480	13	10	1385	104	1.25	20	507	14	20	1634	161	1.25	2	466	11	2	1156	233	1.15
7	1	514	.	1	1712	.	1.26	.	.	.	.	.	.	.	30	498	39	30	1501	186	1.25
19	1	618	.	1	3064	.	1.30	.	.	.	.	.	.	.	1	514	.	1	1712	.	1.26
															1	618	.	1	3064	.	1.30
TOTAL/MEAN	66	358	78	66	635	512	1.17	79	371	89	79	729	568	1.17	146	364	85	146	682	544	1.17

Table 85. Length and weight data, by age, for walleye caught by gill nets in Dauphin Lake, fall, 1985.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
2	13	328	13	13	440	54	1.24	4	332	26	4	425	89	1.15	17	329	16	17	436	61	1.22
3	3	380	11	3	695	49	1.27	7	396	13	7	821	91	1.32	10	391	14	10	783	99	1.30
6	.	.	.	.	.	.	.	3	515	16	3	1886	130	1.38	3	515	16	3	1886	130	1.38
TOTAL/MEAN	16	338	24	16	488	115	1.24	14	403	69	14	936	551	1.28	30	368	60	30	697	441	1.26

Table 86. Length and weight data, by age, for walleye caught by gill nets in Dauphin Lake, spring, 1986.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
3	23	331	14	23	402	59	1.10	26	334	15	26	418	62	1.12	49	333	15	49	411	61	1.11
4	7	393	21	7	720	99	1.18	15	397	12	15	761	84	1.21	22	395	15	22	748	89	1.20
7	2	479	16	2	1215	250	1.10	6	520	15	6	1631	127	1.16	8	510	24	8	1527	240	1.14
11	.	.	.	.	.	.	.	1	598	.	1	2556	.	1.20	1	598	.	1	2556	.	1.20
TOTAL/MEAN	32	354	45	32	522	238	1.12	48	382	71	48	722	484	1.15	80	371	63	80	642	414	1.14

Table 87. Length and weight data, by age, for walleye caught by gill nets in Dauphin Lake, summer, 1986.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	81	.	1	5	.	0.94
1	16	169	9	16	46	7	0.96	9	173	9	9	48	8	0.92	31	172	10	31	48	8	0.94
3	47	354	17	47	502	79	1.12	52	356	18	52	503	82	1.10	99	355	17	99	503	80	1.11
4	5	404	28	5	772	177	1.15	20	411	22	20	816	136	1.16	25	410	23	25	807	142	1.16
6	1	378	.	1	567		1.05	.	.	.	.	.	.	.	1	378	.	1	567	.	1.05
7	4	507	9	4	1586	42	1.22	9	526	14	9	1697	166	1.16	13	520	15	13	1663	148	1.18
TOTAL/MEAN	73	326	92	73	481	349	1.09	90	367	85	90	646	420	1.10	170	341	96	170	551	403	1.09

Table 88. Length and weight data, by age, for walleye caught by gill nets in Dauphin Lake, fall, 1986.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	5	210	12	5	98	19	1.03	3	212	11	3	101	24	1.04	8	211	11	8	98	20	1.03
2	1	288	.	1	257	.	1.08	.	.	.	.	.	.	.	1	288	.	1	257	.	1.08
3	62	385	12	62	704	84	1.23	55	384	19	55	688	97	1.21	117	385	16	117	696	90	1.22
4	13	421	16	13	964	106	1.29	9	428	18	9	993	143	1.26	22	424	16	22	976	120	1.28
5	1	463	.	1	1139	.	1.15	.	.	.	.	.	.	.	1	463	.	1	1139	.	1.15
6	1	459	.	1	1276	.	1.32	.	.	.	.	.	.	.	1	459	.	1	1276	.	1.32
7	11	503	12	11	1597	101	1.26	7	528	20	7	1991	173	1.36	18	513	20	18	1750	236	1.30
8	1	581	.	1	2462	.	1.26	.	.	.	.	.	.	.	1	581	.	1	2462	.	1.26
TOTAL/MEAN	95	397	64	95	836	390	1.23	74	396	60	74	824	426	1.22	169	397	62	169	831	405	1.23

Table 89. Length and weight data, by age, for walleye caught by gill nets in Dauphin Lake, spring, 1987.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	.	.	.	.	.	.	.	1	157	.	1	37	.	0.96	1	157	.	1	37	.	0.96
2	4	220	16	4	105	15	0.99	8	213	12	8	101	23	1.03	12	215	13	12	102	20	1.01
3	.	.	.	.	.	.	.	0	.	.	1	327	.	.	0	.	.	1	327	.	.
4	52	384	15	52	666	83	1.17	67	388	15	67	698	92	1.19	120	386	15	120	683	89	1.18
5	12	408	16	12	800	81	1.17	12	435	17	12	1036	129	1.25	24	422	21	24	918	160	1.21
8	5	496	14	5	1480	233	1.21	7	539	12	7	1839	180	1.17	12	521	25	12	1689	267	1.19
TOTAL/MEAN	73	387	62	73	713	270	1.16	95	388	73	96	763	390	1.18	169	387	64	170	741	343	1.17

Table 90. Length and weight data, by age, for walleye caught by gill nets in Dauphin Lake, summer, 1987.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	.	.	.	.	.	.	.	3	203	9	3	80	13	0.95	3	203	9	3	80	13	0.95
2	9	259	12	9	178	25	1.02	14	266	15	14	191	28	1.01	23	263	14	23	186	27	1.01
4	57	404	14	57	768	83	1.16	81	408	14	81	794	80	1.17	138	406	14	138	783	82	1.17
5	4	419	10	4	898	60	1.22	14	453	13	14	1155	94	1.24	18	445	19	18	1098	140	1.24
7	1	477	.	1	1329	.	1.22	.	.	.	.	.	.	.	1	477	.	1	1329	.	1.22
8	4	483	18	4	1427	59	1.27	7	552	11	7	2025	153	1.20	11	527	37	11	1807	325	1.23
9	1	541	.	1	1903	.	1.20	.	.	.	.	.	.	.	1	541	.	1	1903	.	1.20
12	1	528	.	1	1852	.	1.26	.	.	.	.	.	.	.	1	528	.	1	1852	.	1.26
TOTAL/MEAN	77	396	59	77	776	327	1.16	119	400	71	119	820	409	1.16	196	398	66	196	803	379	1.16

Table 91. Length and weight data, by age, for walleye caught by gill nets in Dauphin Lake, fall, 1987.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
0	1	149	.	1	33	.	1.00	.	.	.	.	.	.	.	1	149	.	1	33	.	1.00
1	3	262	13	3	201	33	1.12	2	237	3	2	137	1	1.03	5	252	16	5	175	43	1.08
2	16	290	13	16	271	31	1.11	9	294	12	9	281	36	1.10	25	292	13	25	275	32	1.10
3	.	.	.	.	.	.	.	1	367	.	1	515	.	1.04	1	367	.	1	515	.	1.04
4	73	426	13	73	995	84	1.29	81	439	14	81	1086	128	1.28	155	433	15	155	1044	118	1.28
5	18	436	17	18	1089	145	1.30	18	469	16	18	1395	186	1.35	36	453	23	36	1242	226	1.33
6	1	481	.	1	1421	.	1.28	.	.	.	.	.	.	.	1	481	.	1	1421	.	1.28
8	6	521	18	6	1804	189	1.28	6	559	33	6	2335	358	1.33	12	540	32	12	2069	389	1.30
12	1	584	.	1	2619	.	1.31	.	.	.	.	.	.	.	1	584	.	1	2619	.	1.31
TOTAL/MEAN	119	409	67	119	942	399	1.26	117	435	59	117	1114	430	1.27	237	422	64	237	1028	422	1.26

Table 92. Length and weight data, by age, for walleye caught by gill nets in Dauphin Lake, fall, 1988.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
0	8	164	5	8	46	6	1.04	3	168	8	3	48	10	1.00	11	165	6	11	47	7	1.03
1	7	284	9	7	267	31	1.16	3	296	14	3	314	56	1.20	10	288	11	10	281	43	1.17
2	4	351	13	4	571	51	1.33	8	346	18	8	530	102	1.26	12	348	16	12	544	88	1.29
3	28	384	14	28	740	75	1.31	18	373	22	18	676	99	1.30	46	380	18	46	715	90	1.30
4	.	.	.	.	.	.	.	1	440	.	1	1114	.	1.31	1	440	.	1	1114	.	1.31
5	31	461	15	31	1313	152	1.34	34	478	23	34	1521	205	1.38	65	470	21	65	1422	209	1.36
6	7	478	12	7	1534	64	1.41	3	514	15	3	2002	106	1.48	10	488	21	10	1674	237	1.43
9	.	.	.	.	.	.	.	1	584	.	1	2905	.	1.46	1	584	.	1	2905	.	1.46
TOTAL/MEAN	85	389	92	85	902	473	1.29	71	418	86	71	1116	590	1.33	156	402	90	156	999	538	1.31

Table 93. Length and weight data, by age, for walleye caught by gill nets in Dauphin Lake, fall, 1989.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	10	264	13	10	200	32	1.08	5	267	9	5	212	15	1.12	15	265	12	15	204	28	1.10
2	5	358	17	5	564	91	1.22	4	352	16	4	567	93	1.30	9	355	16	9	565	86	1.25
3	22	399	10	22	808	68	1.27	6	404	17	6	810	99	1.23	28	400	11	28	809	74	1.26
4	27	414	12	27	932	84	1.31	6	424	19	6	942	132	1.23	33	416	14	33	933	92	1.30
5	.	.	.	.	.	.	.	1	464	.	1	1468	.	1.47	1	464	.	1	1468	.	1.47
6	18	470	12	18	1392	123	1.34	25	496	16	25	1675	123	1.38	43	485	19	43	1556	186	1.36
7	3	484	18	3	1516	84	1.34	1	535	.	1	2003	.	1.31	4	497	29	4	1638	253	1.33
10	1	565	.	1	2642	.	1.46	1	581	.	1	2814	.	1.43	2	573	11	2	2728	122	1.45
TOTAL/MEAN	86	405	64	86	930	416	1.28	49	442	80	49	1265	596	1.31	135	419	72	135	1052	513	1.29

Table 94. Length and weight data, by age, for northern pike caught by gill nets in Dauphin Lake, summer, 1984.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	3	253	25	3	124	37	0.75	1	266	.	1	130	.	0.69	5	248	26	5	117	33	0.75
2	41	316	36	41	247	84	0.75	16	319	41	16	254	98	0.75	92	308	37	92	233	81	0.77
3	15	406	38	15	518	155	0.75	9	392	41	9	468	122	0.76	25	401	38	25	497	140	0.75
4	9	463	17	9	753	107	0.75	11	498	27	11	920	156	0.74	20	482	29	20	845	158	0.75
5	7	480	25	7	880	200	0.79	20	525	27	20	1034	193	0.71	27	513	33	27	994	203	0.73
6	17	511	22	17	994	132	0.74	26	538	37	26	1158	238	0.74	45	526	34	45	1092	213	0.74
7	3	495	15	3	863	159	0.71	13	550	25	13	1185	187	0.71	16	539	32	16	1125	219	0.71
8	4	516	16	4	1159	151	0.84	10	598	60	10	1521	487	0.69	15	570	63	15	1394	438	0.74
9	5	520	24	5	1121	117	0.80	8	530	50	8	1165	437	0.76	13	526	41	13	1148	341	0.78
10	6	535	51	6	1175	417	0.75	6	572	41	6	1310	379	0.68	12	554	48	12	1243	386	0.71
11	4	521	18	4	983	84	0.70	1	660	.	1	1990	.	0.69	5	549	64	5	1184	456	0.70
12	1	511	.	1	940	.	0.70	1	570	.	1	1240	.	0.67	2	541	42	2	1090	212	0.69
13	.	.	.	.	.	.	.	1	601	.	1	1550	.	0.71	1	601	.	1	1550	.	0.71
TOTAL/MEAN	115	417	96	115	633	386	0.75	123	500	95	123	991	457	0.73	278	438	112	278	740	475	0.75

Table 95. Length and weight data, by age, for northern pike caught by gill nets in Dauphin Lake, fall, 1984.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	9	297	37	9	183	61	0.67	4	313	57	4	223	93	0.69	13	302	43	13	195	71	0.68
2	34	373	60	33	392	182	0.68	40	381	40	40	382	127	0.67	74	377	50	73	386	153	0.67
3	21	447	51	21	633	192	0.69	20	446	68	20	632	276	0.67	41	446	59	41	633	234	0.68
4	12	501	22	12	939	174	0.74	6	510	69	6	924	342	0.67	18	504	42	18	934	233	0.72
5	21	493	34	21	878	174	0.73	27	565	37	27	1239	289	0.68	48	533	50	48	1081	303	0.70
6	15	536	34	15	1111	217	0.71	27	568	57	27	1279	418	0.67	42	557	52	42	1219	365	0.69
7	5	546	32	5	1069	199	0.65	21	580	38	21	1324	311	0.67	26	573	39	26	1275	307	0.67
8	11	520	65	11	1033	298	0.71	8	586	45	8	1299	293	0.64	19	547	65	19	1145	317	0.68
9	9	548	21	9	1208	131	0.73	13	616	47	13	1650	391	0.70	22	588	51	22	1469	379	0.72
10	4	548	38	4	1178	364	0.70	7	616	81	7	1802	840	0.73	11	591	75	11	1575	750	0.72
11	5	561	19	5	1262	186	0.71	3	600	40	3	1335	226	0.61	8	576	33	8	1289	190	0.67
12	2	537	4	2	1037	81	0.67	4	622	67	4	1711	818	0.67	6	594	68	6	1486	724	0.67
TOTAL/MEAN	148	463	88	147	782	376	0.70	180	514	104	180	1030	576	0.67	328	491	100	327	919	510	0.69

Table 96. Length and weight data, by age, for northern pike caught by gill nets in Dauphin Lake, spring, 1985.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
2	6	354	32	6	335	97	0.74	.	.	.	.	.	.	.	6	354	32	6	335	97	0.74
3	21	387	34	21	431	130	0.72	31	396	27	31	432	83	0.69	52	392	30	52	432	103	0.70
4	13	461	38	13	739	146	0.75	11	482	49	11	787	230	0.69	24	471	43	24	761	186	0.72
5	17	494	33	17	828	163	0.68	18	528	26	18	954	121	0.65	35	511	34	35	893	155	0.66
6	10	511	29	10	892	162	0.67	17	556	28	17	1091	233	0.63	27	539	36	27	1018	228	0.64
7	33	520	28	33	1012	195	0.71	46	573	38	46	1215	280	0.64	79	551	43	79	1130	267	0.67
8	8	535	28	8	1022	210	0.66	10	567	45	10	1142	264	0.61	18	553	41	18	1088	242	0.63
9	13	528	23	14	1064	125	0.72	15	588	57	15	1377	540	0.65	28	560	53	29	1226	422	0.68
10	21	529	34	21	1026	218	0.68	16	602	53	16	1441	476	0.64	37	561	56	37	1205	405	0.66
11	12	536	36	12	1069	232	0.69	13	607	64	13	1501	553	0.65	25	573	63	25	1294	475	0.67
12	5	553	37	5	1130	265	0.66	5	639	81	5	1863	924	0.67	10	596	75	10	1497	748	0.66
13	1	570	.	1	1196	.	0.65	3	595	55	3	1221	288	0.58	4	589	46	4	1215	236	0.59
14	1	573	.	1	1346	.	0.72	2	598	27	2	1312	238	0.61	3	590	24	3	1323	170	0.64
15	1	608	.	1	1410	.	0.63	.	.	.	.	.	.	.	1	608	.	1	1410	.	0.63
TOTAL/MEAN	162	495	64	163	884	296	0.70	187	540	83	187	1090	491	0.65	349	519	78	350	994	424	0.67

Table 97. Length and weight data, by age, for northern pike caught by gill nets in Dauphin Lake, summer, 1985.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
0	1	111	.	1	9	.	0.66	.	.	.	.	.	.	.	1	111	.	1	9	.	0.66
1	3	157	3	3	28	3	0.72	.	.	.	.	.	.	.	3	157	3	3	28	3	0.72
2	3	368	25	3	349	83	0.69	4	398	17	4	405	26	0.64	7	385	25	7	381	60	0.66
3	22	411	33	22	484	129	0.68	50	430	40	50	556	154	0.68	72	424	39	72	534	150	0.68
4	6	460	47	6	709	195	0.71	14	500	36	14	858	197	0.68	20	488	42	20	814	203	0.69
5	15	500	20	15	872	123	0.69	13	531	24	13	1001	152	0.67	28	514	27	28	932	150	0.68
6	11	508	24	11	913	171	0.69	8	560	50	8	1148	455	0.63	19	530	45	19	1012	333	0.66
7	16	513	24	16	936	133	0.69	24	580	43	24	1309	340	0.66	40	553	49	40	1160	331	0.67
8	8	533	16	8	1128	147	0.74	4	597	25	4	1400	177	0.66	12	554	36	12	1219	201	0.71
9	8	532	25	8	1042	212	0.69	7	589	49	7	1404	323	0.68	15	559	47	15	1211	320	0.68
10	12	541	18	12	1088	114	0.69	11	620	75	11	1541	569	0.62	23	579	66	23	1304	455	0.66
11	3	553	6	3	1152	42	0.68	4	607	43	4	1316	285	0.58	7	584	42	7	1245	221	0.62
12	4	536	21	4	1097	133	0.71	2	614	33	2	1551	330	0.67	6	562	46	6	1248	295	0.69
13	1	557	.	1	1109	.	0.64	2	631	83	2	1554	782	0.59	3	606	72	3	1406	610	0.61
14	1	553	.	1	1102	.	0.65	2	587	36	2	1188	113	0.59	3	575	32	3	1159	94	0.61
15	1	532	.	1	979	.	0.65	.	.	.	.	.	.	.	1	532	.	1	979	.	0.65
17	.	.	.	.	.	.	.	1	561	.	1	1267	.	0.72	1	561	.	1	1267	.	0.72
TOTAL/MEAN	115	480	85	115	831	309	0.69	146	516	86	146	976	467	0.66	261	500	87	261	912	411	0.68

Table 98. Length and weight data, by age, for northern pike caught by gill nets in Dauphin Lake, fall, 1985.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
0	.	.	.	.	.	.	.	1	204	.	1	56	.	0.66	1	204	.	1	56	.	0.66
1	2	230	8	2	91	8	0.75	.	.	.	.	.	.	.	2	230	8	2	91	8	0.75
2	10	402	18	10	427	64	0.65	14	417	20	14	463	74	0.63	24	411	20	24	448	71	0.64
3	44	446	29	44	620	127	0.69	63	467	41	63	686	178	0.66	107	458	38	107	659	162	0.67
4	13	475	82	13	794	293	0.69	19	528	43	19	974	249	0.65	32	506	66	32	901	278	0.66
5	13	507	20	13	917	146	0.70	8	575	29	8	1211	177	0.63	21	533	41	21	1029	212	0.67
6	11	522	44	11	1025	272	0.71	11	572	38	11	1214	329	0.63	22	547	47	22	1120	310	0.67
7	15	528	27	15	1037	169	0.70	35	599	46	35	1448	395	0.66	50	578	52	50	1325	391	0.67
8	6	522	22	6	997	132	0.70	9	599	48	9	1407	380	0.64	15	568	55	15	1243	363	0.67
9	2	514	2	2	865	54	0.64	6	597	44	6	1422	319	0.66	8	576	54	8	1283	374	0.65
10	10	535	60	10	1067	313	0.68	10	613	44	10	1521	433	0.65	20	574	65	20	1294	435	0.66
11	8	556	23	8	1150	233	0.66	12	634	55	12	1604	490	0.61	20	603	59	20	1423	459	0.63
12	9	553	44	9	1213	418	0.70	5	698	64	5	2473	871	0.70	14	605	87	14	1663	856	0.70
13	.	.	.	.	.	.	.	1	523	.	1	651	.	0.46	1	523	.	1	651	.	0.46
14	1	568	.	1	1150	.	0.63	.	.	.	.	.	.	.	1	568	.	1	1150	.	0.63
TOTAL/MEAN	144	486	67	144	836	321	0.69	194	537	87	194	1086	543	0.65	338	515	83	338	980	478	0.67

Table 99. Length and weight data, by age, for northern pike caught by gill nets in Dauphin Lake, spring, 1986.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	1	217	.	1	67	.	0.66	.	.	.	.	.	.	.	1	217	.	1	67	.	0.66
2	2	238	6	2	95	2	0.71	2	258	5	2	112	7	0.66	4	248	12	4	103	11	0.68
3	8	421	40	8	506	120	0.67	12	434	73	12	544	213	0.65	20	429	61	20	529	179	0.66
4	21	423	33	21	515	123	0.67	44	450	33	44	579	135	0.62	65	442	35	65	558	133	0.64
5	5	492	53	5	773	161	0.65	12	534	36	12	886	147	0.58	17	521	45	17	853	156	0.60
6	6	510	27	6	821	133	0.61	5	580	24	5	1173	227	0.60	11	542	44	11	981	251	0.61
7	10	504	30	10	853	160	0.66	21	575	35	21	1118	238	0.58	31	552	47	31	1033	247	0.61
8	5	519	21	5	911	129	0.65	17	587	43	17	1204	304	0.58	22	572	49	22	1138	299	0.60
9	2	540	15	2	964	75	0.61	6	602	17	6	1218	73	0.56	8	586	33	8	1154	136	0.57
10	1	513	.	1	766	.	0.57	5	585	41	5	1152	288	0.57	6	573	47	6	1087	302	0.57
11	2	537	23	2	964	230	0.62	6	613	39	6	1345	328	0.57	8	594	49	8	1250	340	0.58
12	3	571	31	3	1273	55	0.69	4	683	92	4	1959	816	0.59	7	635	90	7	1665	684	0.63
13	2	428	106	2	532	301	0.65	5	626	46	5	1389	309	0.56	7	569	112	7	1144	504	0.59
14	1	554	.	1	1052	.	0.62	3	642	92	3	1749	813	0.63	4	620	87	4	1575	750	0.63
16	1	621	.	1	1357	.	0.57	.	.	.	.	.	.	.	1	621	.	1	1357	.	0.57
17	.	.	.	.	.	.	.	1	556	.	1	842	.	0.49	1	556	.	1	842	.	0.49
TOTAL/MEAN	70	465	79	70	699	286	0.66	143	528	90	143	942	451	0.60	213	507	91	213	862	420	0.62

Table 100. Length and weight data, by age, for northern pike caught by gill nets in Dauphin Lake, summer, 1986.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	2	202	59	2	73	58	0.79	2	202	65	2	68	51	0.76	4	202	51	4	71	45	0.78
2	1	298	.	1	188	.	0.71	1	309	.	1	173	.	0.59	2	304	8	2	181	11	0.65
3	12	398	32	12	427	90	0.67	9	452	27	9	609	117	0.66	21	421	40	21	505	136	0.66
4	26	436	23	26	545	107	0.65	30	467	30	30	646	131	0.63	56	453	31	56	599	130	0.64
5	5	489	18	5	764	50	0.66	8	488	53	8	728	254	0.61	13	488	42	13	742	197	0.63
6	2	511	37	2	926	224	0.69	.	.	.	.	.	.	.	2	511	37	2	926	224	0.69
7	2	502	11	2	842	58	0.67	5	569	37	5	1083	169	0.59	7	550	45	7	1014	183	0.61
8	2	503	17	2	864	147	0.68	3	589	43	3	1234	295	0.60	5	555	57	5	1086	300	0.63
9	2	513	32	2	825	209	0.61	3	573	39	3	988	356	0.52	5	549	46	5	923	287	0.55
10	1	546	.	1	875	.	0.54	1	693	.	1	2168	.	0.65	2	620	104	2	1522	914	0.59
11	3	531	29	3	931	169	0.62	1	576	.	1	1189	.	0.62	4	542	33	4	995	189	0.62
12	.	.	.	.	.	.	.	3	578	14	3	1161	71	0.60	3	578	14	3	1161	71	0.60
13	.	.	.	.	.	.	.	2	548	96	2	970	630	0.54	2	548	96	2	970	630	0.54
TOTAL/MEAN	58	439	69	58	587	223	0.66	68	487	83	68	762	346	0.62	126	465	81	126	682	307	0.64

Table 101. Length and weight data, by age, for northern pike caught by gill nets in Dauphin Lake, fall, 1986.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	9	219	26	9	75	21	0.70	4	220	19	4	74	21	0.69	13	219	23	13	75	20	0.70
2	.	.	.	.	.	.	.	6	353	50	6	302	111	0.65	6	353	50	6	302	111	0.65
3	11	417	28	11	506	108	0.69	6	475	87	6	852	577	0.72	17	437	61	17	628	374	0.70
4	40	460	35	40	685	176	0.69	34	492	38	34	808	192	0.67	74	475	40	74	741	192	0.68
5	9	489	31	9	817	186	0.69	18	553	52	18	1101	345	0.63	27	531	55	27	1006	327	0.65
6	6	532	11	6	985	100	0.65	2	540	20	2	1003	142	0.63	8	534	12	8	990	100	0.65
7	6	520	62	6	1071	429	0.72	6	579	27	6	1296	231	0.66	12	550	55	12	1183	349	0.69
8	0	.	.	0	.	.	.	5	613	24	5	1465	295	0.63	5	613	24	5	1465	295	0.63
9	2	534	13	2	947	134	0.63	6	610	55	6	1799	863	0.75	8	591	58	8	1586	831	0.72
10	4	533	23	4	964	156	0.64	2	577	4	2	1050	223	0.55	6	548	29	6	992	163	0.61
11	.	.	.	.	.	.	.	5	577	59	5	1231	610	0.60	5	577	59	5	1231	610	0.60
12	3	582	34	3	1176	319	0.59	3	699	80	3	2253	1003	0.62	6	641	84	6	1715	889	0.61
14	2	617	82	2	1564	593	0.65	1	607	.	1	1278	.	0.57	3	614	58	3	1469	450	0.62
TOTAL/MEAN	92	455	95	92	715	350	0.68	98	516	102	98	1007	568	0.66	190	486	103	190	865	496	0.67

Table 102. Length and weight data, by age, for northern pike caught by gill nets in Dauphin Lake, spring, 1987.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	2	223	23	2	77	22	0.69	.	.	.	.	.	.	.	2	223	23	2	77	22	0.69
2	16	301	54	16	207	135	0.68	9	305	50	9	211	100	0.69	25	302	52	25	208	121	0.69
3	12	392	54	12	442	168	0.70	6	413	54	6	475	134	0.67	18	399	53	18	453	154	0.69
4	23	450	22	23	619	104	0.67	33	477	37	33	680	136	0.62	56	466	34	56	655	126	0.64
5	19	455	54	19	658	188	0.68	29	506	57	29	840	351	0.62	48	486	61	48	768	308	0.64
6	11	506	35	11	859	194	0.65	8	549	33	8	1027	195	0.62	19	524	40	19	929	207	0.64
7	3	529	15	3	929	22	0.63	2	555	11	2	889	78	0.52	5	539	18	5	913	48	0.58
8	4	544	31	4	1030	246	0.63	4	568	18	4	1098	117	0.60	8	556	27	8	1064	182	0.62
9	.	.	.	.	.	.	.	3	586	28	3	1107	123	0.55	3	586	28	3	1107	123	0.55
11	1	577	.	1	1209	.	0.63	2	688	90	2	2250	1333	0.65	3	651	90	3	1903	1118	0.64
12	1	504	.	1	704	.	0.55	2	651	69	2	1668	719	0.58	3	602	98	3	1346	754	0.57
14	2	565	3	2	1048	124	0.58	.	.	.	.	.	.	.	2	565	3	2	1048	124	0.58
17	.	.	.	.	.	.	.	1	576	.	1	1032	.	0.54	1	576	.	1	1032	.	0.54
TOTAL/MEAN	94	431	90	94	594	293	0.67	99	489	89	99	789	428	0.62	193	461	94	193	694	380	0.65

Table 103. Length and weight data, by age, for northern pike caught by gill nets in Dauphin Lake, summer, 1987.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	3	257	31	3	110	42	0.63	.	.	.	.	.	.	.	3	257	31	3	110	42	0.63
2	8	345	38	8	295	96	0.69	8	354	48	8	316	136	0.68	16	350	42	16	306	115	0.68
3	3	393	75	3	452	253	0.68	8	424	33	8	505	111	0.66	11	415	46	11	490	148	0.66
4	23	449	20	23	615	107	0.67	29	482	32	29	715	179	0.63	52	467	32	52	671	159	0.65
5	18	471	23	18	717	125	0.68	28	513	40	28	872	256	0.63	46	497	40	46	811	226	0.65
6	6	478	41	6	769	214	0.69	8	509	23	8	841	131	0.63	14	496	34	14	810	168	0.66
7	2	523	14	2	937	80	0.65	1	475	.	1	663	.	0.62	3	507	29	3	845	168	0.64
8	3	526	15	3	975	91	0.67	3	541	29	3	953	139	0.60	6	533	22	6	964	106	0.64
9	1	518	.	1	765	.	0.55	.	.	.	.	.	.	.	1	518	.	1	765	.	0.55
10	1	545	.	1	1045	.	0.65	2	583	11	2	1123	68	0.57	3	570	23	3	1097	66	0.59
11	1	555	.	1	1080	.	0.63	1	455	.	1	620	.	0.66	2	505	71	2	850	325	0.64
12	.	.	.	.	.	.	.	2	648	35	2	1749	315	0.64	2	648	35	2	1749	315	0.64
14	1	535	.	1	799	.	0.52	.	.	.	.	.	.	.	1	535	.	1	799	.	0.52
TOTAL/MEAN	70	445	69	70	632	241	0.67	90	485	65	90	759	301	0.63	160	468	70	160	703	283	0.65

Table 104. Length and weight data, by age, for northern pike caught by gill nets in Dauphin Lake, fall, 1987.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	9	320	33	9	215	65	0.64	6	301	65	6	199	110	0.66	15	312	47	15	209	82	0.65
2	17	376	34	17	365	109	0.67	7	396	32	7	403	86	0.64	24	382	34	24	376	103	0.66
3	8	444	51	8	595	187	0.66	10	463	33	10	630	164	0.62	18	455	42	18	614	170	0.64
4	16	482	25	16	755	95	0.67	34	504	27	34	828	165	0.64	50	497	28	50	804	149	0.65
5	12	490	30	12	802	155	0.68	33	523	27	33	932	173	0.64	45	515	31	45	897	176	0.65
6	14	513	16	14	911	130	0.67	7	584	63	7	1282	528	0.62	21	537	50	21	1035	356	0.66
7	1	500	.	1	962	.	0.77	2	571	105	2	1340	897	0.65	3	547	85	3	1214	671	0.69
8	2	539	39	2	1045	308	0.66	7	599	67	7	1392	573	0.62	9	585	65	9	1315	530	0.63
9	2	543	37	2	1045	129	0.65	6	616	41	6	1389	466	0.58	8	597	50	8	1303	427	0.60
10	.	.	.	.	.	.	.	3	592	26	3	1540	452	0.73	3	592	26	3	1540	452	0.73
12	.	.	.	.	.	.	.	2	571	13	2	1011	107	0.54	2	571	13	2	1011	107	0.54
13	.	.	.	.	.	.	.	1	611	.	1	1828	.	0.80	1	611	.	1	1828	.	0.80
TOTAL/MEAN	81	448	74	81	648	284	0.67	118	511	80	118	910	418	0.64	199	485	83	199	803	390	0.65

Table 105. Length and weight data, by age, for northern pike caught by gill nets in Dauphin Lake, fall, 1988.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
0	1	213	.	1	65	.	0.67	.	.	.	.	.	.	.	1	213	.	1	65	.	0.67
1	10	273	55	10	162	113	0.71	2	217	23	2	70	24	0.68	12	264	55	12	147	108	0.70
2	43	446	39	43	642	165	0.71	32	473	36	32	742	172	0.69	75	458	40	75	684	175	0.70
3	21	484	28	21	815	155	0.71	39	538	34	39	1083	178	0.69	60	519	41	60	989	212	0.70
4	8	492	40	8	916	208	0.76	16	575	38	16	1314	304	0.68	24	547	55	24	1181	332	0.71
5	35	521	30	35	1044	174	0.73	42	590	36	42	1412	286	0.68	77	558	48	77	1245	303	0.70
6	11	542	18	11	1140	116	0.71	10	591	40	10	1413	346	0.67	22	566	38	22	1268	276	0.69
7	5	533	46	5	1160	316	0.75	2	623	61	2	1824	651	0.74	7	559	63	7	1349	492	0.74
8	2	543	35	2	1166	81	0.73	1	652	.	1	2106	.	0.76	3	579	68	3	1479	546	0.74
9	.	.	.	.	.	.	.	1	762	.	1	3021	.	0.68	1	762	.	1	3021	.	0.68
10	2	592	5	2	1384	6	0.67	.	.	.	.	.	.	.	2	592	5	2	1384	6	0.67
11	.	.	.	.	.	.	.	2	629	42	2	1862	414	0.74	2	629	42	2	1862	414	0.74
12	.	.	.	.	.	.	.	2	826	43	2	3907	904	0.69	2	826	43	2	3907	904	0.69
13	.	.	.	.	.	.	.	1	650	.	1	1890	.	0.69	1	650	.	1	1890	.	0.69
17	.	.	.	.	.	.	.	1	608	.	1	1502	.	0.67	1	608	.	1	1502	.	0.67
TOTAL/MEAN	138	474	79	138	824	323	0.72	151	551	79	151	1220	533	0.69	290	514	88	290	1032	486	0.70

Table 106. Length and weight data, by age, for northern pike caught by gill nets in Dauphin Lake, fall, 1989.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	2	323	49	2	223	107	0.64	2	365	13	2	310	33	0.64	4	344	38	4	266	82	0.64
2	20	388	38	20	420	130	0.70	8	414	24	8	495	90	0.69	28	395	36	28	442	123	0.70
3	13	484	25	13	819	134	0.72	12	525	49	12	1062	350	0.71	25	504	43	25	936	283	0.71
4	18	517	28	18	1009	187	0.72	18	570	41	18	1317	304	0.70	36	544	44	36	1163	294	0.71
5	8	550	39	8	1272	238	0.76	9	618	48	9	1679	391	0.70	17	586	55	17	1488	381	0.73
6	11	531	26	11	1107	147	0.74	16	657	58	16	2047	565	0.71	27	605	78	27	1664	643	0.72
7	8	541	28	8	1172	171	0.74	6	678	32	6	2235	348	0.71	15	597	74	15	1611	582	0.73
8	6	546	30	6	1174	254	0.71	5	632	63	5	1881	586	0.72	13	584	65	13	1480	537	0.71
9	2	554	15	2	1211	39	0.72	.	.	.	.	.	.	.	2	554	15	2	1211	39	0.72
10	1	528	.	1	1007	.	0.68	2	610	10	2	1590	130	0.70	3	583	48	3	1396	349	0.69
13	.	.	.	.	.	.	.	1	668	.	1	2253	.	0.76	1	668	.	1	2253	.	0.76
18	.	.	.	.	.	.	.	1	815	.	1	3747	.	0.69	1	815	.	1	3747	.	0.69
TOTAL/MEAN	89	489	72	89	897	352	0.72	80	583	97	80	1511	707	0.70	172	534	96	172	1191	625	0.71

Table 107. Length and weight data, by age, for white sucker caught by gill nets in Dauphin Lake, summer, 1984.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	159	2	3	60	16	1.49
2	1	279	.	1	340	.	1.57	2	297	16	2	430	71	1.64	7	279	17	7	369	66	1.68
3	8	358	8	8	742	59	1.63	3	344	9	3	687	129	1.68	15	351	11	15	726	81	1.67
4	31	369	17	31	802	116	1.59	29	373	19	28	860	155	1.64	65	370	18	64	825	136	1.62
5	37	377	13	37	836	86	1.56	41	389	14	41	911	116	1.55	87	382	15	87	877	106	1.57
6	2	385	42	2	905	290	1.56	3	405	20	3	997	105	1.50	5	397	27	5	960	170	1.53
7	6	412	17	6	1071	97	1.54	2	433	1	2	1348	74	1.66	9	414	19	9	1113	165	1.57
8	7	410	10	6	1048	146	1.52	9	439	27	9	1317	253	1.55	16	426	25	15	1210	250	1.53
9	5	400	21	5	1054	136	1.64	5	453	11	5	1342	187	1.44	10	427	32	10	1198	216	1.54
10	1	402	.	1	1110	.	1.71	7	439	15	7	1226	168	1.44	8	435	19	8	1212	161	1.48
11	2	413	30	2	1045	205	1.47	4	458	8	4	1370	82	1.43	6	443	27	6	1262	202	1.44
12	1	400	.	1	1120	.	1.75	2	448	24	2	1360	269	1.50	3	432	33	3	1280	235	1.58
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	495	.	1	1920	.	1.58
TOTAL/MEAN	101	379	24	100	862	156	1.57	107	397	37	106	994	256	1.56	235	382	44	233	904	255	1.58

Table 108. Length and weight data, by age, for white sucker caught by gill nets in Dauphin Lake, fall, 1984.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	1	147	.	1	42	.	1.32	2	151	6	2	47	1	1.36	5	153	6	5	45	3	1.27
2	4	247	6	4	210	17	1.40	2	248	10	2	205	13	1.35	6	247	6	6	209	15	1.38
3	2	348	8	2	616	62	1.46	5	341	13	5	608	36	1.54	7	343	12	7	610	39	1.51
4	11	379	20	11	877	134	1.60	5	383	13	5	929	144	1.64	16	381	18	16	893	135	1.61
5	13	389	17	13	925	153	1.56	16	405	13	16	1050	102	1.57	29	398	17	29	994	140	1.57
6	.	.	.	.	.	.	.	4	439	21	4	1330	251	1.56	4	439	21	4	1330	251	1.56
7	1	414	.	1	1101	.	1.55	1	454	.	1	1547	.	1.65	2	434	28	2	1324	315	1.60
8	1	436	.	1	1270	.	1.53	.	.	.	.	.	.	.	1	436	.	1	1270	.	1.53
9	2	408	4	2	1052	97	1.55	3	469	20	3	1737	165	1.68	5	445	37	5	1463	396	1.63
10	1	450	.	1	1438	.	1.58	2	462	7	2	1705	15	1.73	3	458	9	3	1616	154	1.68
11	2	406	5	2	987	130	1.48	1	484	.	1	1818	.	1.60	3	432	45	3	1264	489	1.52
12	.	.	.	.	.	.	.	1	477	.	1	1840	.	1.70	1	477	.	1	1840	.	1.70
13	2	426	6	2	1228	140	1.59	.	.	.	.	.	.	.	2	426	6	2	1228	140	1.59
14	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	464	.	1	1587	.	1.59
18	.	.	.	.	.	.	.	1	451	.	1	1717	.	1.87	1	451	.	1	1717	.	1.87
TOTAL/MEAN	40	371	62	40	853	320	1.54	43	392	76	43	1066	475	1.58	86	378	77	86	949	440	1.55

Table 109. Length and weight data, by age, for white sucker caught by gill nets in Dauphin Lake, spring, 1985.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
2	4	185	47	4	105	95	1.38	4	216	56	4	160	128	1.34	8	200	51	8	132	108	1.36
3	3	265	16	3	278	60	1.48	6	320	52	6	567	273	1.58	9	302	50	9	471	261	1.54
4	8	365	7	8	770	63	1.59	7	373	14	7	833	77	1.61	15	368	12	15	799	75	1.60
5	15	377	18	15	819	122	1.53	17	404	26	17	1031	155	1.57	32	391	26	32	932	175	1.55
6	29	385	16	29	858	104	1.50	27	408	18	27	1037	133	1.52	56	396	20	56	944	149	1.51
7	7	384	18	7	819	86	1.44	8	417	29	8	1067	211	1.45	15	402	29	15	951	205	1.45
8	6	415	15	6	1091	144	1.52	4	431	31	4	1250	313	1.53	10	422	22	10	1154	226	1.52
9	4	416	13	4	1062	153	1.46	3	461	23	3	1525	211	1.55	7	435	29	7	1260	297	1.50
10	3	425	18	3	1061	229	1.37	5	452	21	5	1360	162	1.47	8	442	23	8	1248	232	1.44
11	3	405	9	3	950	93	1.43	2	459	13	2	1471	49	1.53	5	426	31	5	1158	294	1.47
12	.	.	.	.	.	.	.	4	445	14	4	1341	147	1.51	4	445	14	4	1341	147	1.51
13	.	.	.	.	.	.	.	1	458	.	1	1311	.	1.36	1	458	.	1	1311	.	1.36
14	.	.	.	.	.	.	.	1	480	.	1	1868	.	1.69	1	480	.	1	1868	.	1.69
16	.	.	.	.	.	.	.	1	450	.	1	1273	.	1.40	1	450	.	1	1273	.	1.40
TOTAL/MEAN	82	373	54	82	819	244	1.49	90	401	58	90	1034	333	1.52	172	388	57	172	931	312	1.51

Table 110. Length and weight data, by age, for white sucker caught by gill nets in Dauphin Lake, summer, 1985.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	.	.	.	.	.	.	.	1	161	.	1	47	.	1.13	1	161	.	1	47	.	1.13
2	4	275	12	4	298	60	1.41	5	212	63	5	158	143	1.30	9	240	56	9	220	130	1.35
3	5	308	39	5	455	210	1.45	6	304	52	6	455	240	1.49	11	306	44	11	455	216	1.47
4	2	393	24	2	901	85	1.49	5	351	60	5	713	287	1.53	7	363	54	7	767	254	1.52
5	4	391	30	4	805	164	1.34	4	407	7	4	954	105	1.42	8	399	22	8	879	150	1.38
6	17	382	17	17	816	113	1.46	15	415	18	15	1063	151	1.48	32	397	24	32	931	180	1.47
7	1	377	.	1	772	.	1.44	3	410	7	3	1009	39	1.47	4	402	18	4	950	123	1.46
8	1	406	.	1	949	.	1.42	2	445	13	2	1417	315	1.60	3	432	24	3	1261	350	1.54
9	4	418	16	4	1070	139	1.46	4	443	25	4	1256	193	1.45	8	430	24	8	1163	184	1.45
10	.	.	.	.	.	.	.	1	478	.	1	1518	.	1.39	1	478	.	1	1518	.	1.39
11	.	.	.	.	.	.	.	2	454	18	2	1358	5	1.46	2	454	18	2	1358	5	1.46
12	1	404	.	1	1047	.	1.59	2	437	10	2	1130	173	1.35	3	426	20	3	1102	131	1.43
13	.	.	.	.	.	.	.	1	469	.	1	1500	.	1.45	1	469	.	1	1500	.	1.45
14	2	424	8	2	1132	134	1.48	.	.	.	.	.	.	.	2	424	8	2	1132	134	1.48
16	1	397	.	1	914	.	1.46	.	.	.	.	.	.	.	1	397	.	1	914	.	1.46
TOTAL/MEAN	42	371	48	42	776	260	1.45	51	378	85	51	897	422	1.45	93	375	70	93	842	361	1.45

Table 111. Length and weight data, by age, for white sucker caught by gill nets in Dauphin Lake, fall, 1985.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
2	2	316	69	2	512	374	1.45	1	324	.	1	508	.	1.49	3	318	49	3	510	265	1.47
3	5	369	23	5	763	151	1.51	4	336	22	4	561	89	1.47	9	354	27	9	673	160	1.49
4	2	376	16	2	880	49	1.66	2	407	30	2	1025	256	1.51	4	391	26	4	952	172	1.58
5	9	394	19	9	938	125	1.53	6	406	9	6	1053	114	1.57	15	399	16	15	984	130	1.55
6	16	386	15	16	858	114	1.48	9	405	22	9	1008	173	1.51	25	393	20	25	912	153	1.49
7	1	442	.	1	1458	.	1.69	.	.	.	.	.	.	.	1	442	.	1	1458	.	1.69
8	2	388	12	2	917	59	1.58	.	.	.	.	.	.	.	2	388	12	2	917	59	1.58
9	1	425	.	1	1094	.	1.43	1	471	.	1	1739	.	1.66	2	448	33	2	1417	456	1.54
10	.	.	.	.	.	.	.	1	481	.	1	1839	.	1.65	1	481	.	1	1839	.	1.65
11	.	.	.	.	.	.	.	1	457	.	1	1192	.	1.25	1	457	.	1	1192	.	1.25
12	.	.	.	.	.	.	.	1	481	.	1	1836	.	1.65	1	481	.	1	1836	.	1.65
13	.	.	.	.	.	.	.	1	465	.	1	1660	.	1.65	1	465	.	1	1660	.	1.65
14	.	.	.	.	.	.	.	1	480	.	1	1764	.	1.60	1	480	.	1	1764	.	1.60
TOTAL/MEAN	38	384	28	38	872	189	1.51	28	407	47	28	1079	397	1.53	66	394	39	66	960	310	1.52

Table 112. Length and weight data, by age, for white sucker caught by gill nets in Dauphin Lake, spring, 1986.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
2	4	246	11	4	215	32	1.44	2	254	1	2	226	3	1.39	6	248	9	6	218	25	1.42
3	32	307	29	32	435	132	1.45	28	316	30	28	473	133	1.47	60	311	30	60	453	133	1.46
4	7	358	32	7	690	171	1.49	17	375	22	17	798	117	1.50	24	370	26	24	767	140	1.50
5	5	388	13	5	808	76	1.38	5	391	9	5	880	90	1.47	10	390	11	10	844	87	1.42
6	31	379	21	31	762	145	1.39	36	405	26	36	927	189	1.38	67	393	27	67	851	188	1.38
7	28	391	17	28	834	111	1.39	23	414	19	23	965	117	1.36	51	401	22	51	893	131	1.38
8	8	400	13	8	867	111	1.35	7	430	23	7	1049	140	1.32	15	414	23	15	952	153	1.33
9	5	402	18	5	901	185	1.37	1	459	.	1	1360	.	1.41	6	412	28	6	977	250	1.37
10	1	384	.	1	764	.	1.35	3	446	19	3	1249	112	1.41	4	431	35	4	1123	259	1.39
11	1	415	.	1	1066	.	1.49	2	425	9	2	1064	43	1.39	3	421	9	3	1064	31	1.42
12	4	414	6	4	979	59	1.39	3	447	18	3	1184	233	1.31	7	428	21	7	1067	178	1.35
13	1	423	.	1	942	.	1.24	.	.	.	.	.	.	.	1	423	.	1	942	.	1.24
14	2	410	8	2	941	89	1.37	1	468	.	1	1344	.	1.31	3	429	34	3	1075	241	1.35
15	5	420	18	5	974	150	1.31	.	.	.	.	.	.	.	5	420	18	5	974	150	1.31
16	2	412	23	2	972	154	1.38	.	.	.	.	.	.	.	2	412	23	2	972	154	1.38
17	4	429	13	4	1161	76	1.47	2	453	6	2	1308	101	1.41	6	437	16	6	1210	106	1.45
18	3	421	15	3	1017	142	1.36	.	.	.	.	.	.	.	3	421	15	3	1017	142	1.36
19	1	371	.	1	725	.	1.42	.	.	.	.	.	.	.	1	371	.	1	725	.	1.42
20	1	437	.	1	1244	.	1.49	2	464	14	2	1509	131	1.51	3	455	19	3	1420	179	1.50
TOTAL/MEAN	145	369	48	145	739	247	1.41	132	387	51	132	851	288	1.41	277	378	51	277	792	273	1.41

Table 113. Length and weight data, by age, for white sucker caught by gill nets in Dauphin Lake, summer, 1986.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	1	166	.	1	62	.	1.36	.	.	.	.	.	.	.	1	166	.	1	62	.	1.36
2	1	256	.	1	236	.	1.41	1	262	.	1	249	.	1.38	3	227	56	3	183	104	1.42
3	30	330	33	30	555	161	1.49	14	335	38	14	568	158	1.47	44	332	34	44	559	158	1.48
4	12	360	32	12	699	174	1.46	13	369	24	13	750	155	1.47	25	365	28	25	726	163	1.47
5	4	389	24	4	900	192	1.51	3	404	6	3	960	47	1.45	7	395	19	7	926	142	1.49
6	23	385	18	22	836	122	1.47	16	413	22	16	1003	154	1.42	39	397	24	38	906	158	1.45
7	13	385	14	13	848	116	1.48	10	419	24	10	1066	209	1.43	23	400	25	23	943	193	1.46
8	7	388	16	7	888	156	1.51	9	414	47	9	1087	297	1.48	16	403	38	16	1000	259	1.50
9	7	400	16	7	917	117	1.42	2	433	6	2	1053	52	1.30	9	408	20	9	947	119	1.40
10	1	415	.	1	904	.	1.26	1	447	.	1	1063	.	1.19	2	431	23	2	984	112	1.23
11	3	423	10	3	1104	47	1.46	.	.	.	.	.	.	.	3	423	10	3	1104	47	1.46
12	.	.	.	.	.	.	.	2	440	4	2	1186	92	1.40	2	440	4	2	1186	92	1.40
14	.	.	.	.	.	.	.	1	463	.	1	1443	.	1.45	1	463	.	1	1443	.	1.45
16	1	403	.	1	1042	.	1.59	2	462	42	2	1336	356	1.34	3	442	45	3	1238	304	1.42
17	1	415	.	1	1007	.	1.41	2	436	17	2	1146	69	1.38	3	429	17	3	1100	94	1.39
19	.	.	.	.	.	.	.	1	510	.	1	1990	.	1.50	1	510	.	1	1990	.	1.50
20	2	443	18	2	1204	171	1.38	1	455	.	1	1206	.	1.28	3	447	14	3	1205	121	1.35
22	1	440	.	1	1134	.	1.33	.	.	.	.	.	.	.	1	440	.	1	1134	.	1.33
23	1	407	.	1	869	.	1.29	.	.	.	.	.	.	.	1	407	.	1	869	.	1.29
TOTAL/MEAN	108	369	44	107	763	231	1.47	78	396	50	78	929	312	1.44	187	379	51	186	829	285	1.46

Table 114. Length and weight data, by age, for white sucker caught by gill nets in Dauphin Lake, fall, 1986.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	143	.	1	37	.	1.27
2	1	251	.	1	238	.	1.51	.	.	.	.	.	.	.	1	251	.	1	238	.	1.51
3	12	361	18	12	759	138	1.60	8	368	24	8	763	160	1.51	21	361	25	21	744	160	1.56
4	17	374	20	17	795	159	1.50	16	391	21	16	930	146	1.54	33	382	22	33	861	165	1.52
5	9	379	12	9	857	92	1.57	5	405	18	5	1050	192	1.56	14	389	19	14	926	161	1.56
6	10	398	15	11	980	116	1.57	11	422	27	11	1199	276	1.58	21	410	24	22	1089	235	1.57
7	31	402	20	31	971	152	1.48	18	418	16	18	1108	111	1.52	49	408	20	49	1021	153	1.50
8	12	397	16	12	958	165	1.52	8	413	13	8	1068	135	1.51	21	403	16	21	999	156	1.51
9	4	413	12	4	1034	148	1.46	5	441	25	5	1279	214	1.48	9	429	24	9	1170	219	1.47
10	1	388	.	1	863	.	1.48	.	.	.	.	.	.	.	1	388	.	1	863	.	1.48
11	.	.	.	.	.	.	.	1	414	.	1	1122	.	1.58	1	414	.	1	1122	.	1.58
12	1	410	.	1	941	.	1.37	.	.	.	.	.	.	.	1	410	.	1	941	.	1.37
13	1	409	.	1	939	.	1.37	1	417	.	1	1022	.	1.41	2	413	6	2	981	59	1.39
14	2	394	17	2	884	54	1.45	2	432	9	2	1157	7	1.44	4	413	24	4	1021	161	1.44
15	.	.	.	.	.	.	.	2	470	36	2	1531	185	1.48	2	470	36	2	1531	185	1.48
16	1	421	.	1	1033	.	1.38	1	450	.	1	1036	.	1.14	2	436	21	2	1035	2	1.26
17	2	430	7	2	1097	76	1.38	.	.	.	.	.	.	.	2	430	7	2	1097	76	1.38
18	1	434	.	1	1073	.	1.31	.	.	.	.	.	.	.	1	434	.	1	1073	.	1.31
21	.	.	.	.	.	.	.	1	498	.	1	1868	.	1.51	1	498	.	1	1868	.	1.51
TOTAL/MEAN	105	390	27	106	905	175	1.51	79	411	30	79	1073	241	1.52	187	397	36	188	968	234	1.51

Table 115. Length and weight data, by age, for white sucker caught by gill nets in Dauphin Lake, spring, 1987.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	.	.	.	.	.	.	.	1	158	.	1	52	.	1.32	1	158	.	1	52	.	1.32
2	3	207	42	3	136	84	1.42	1	251	.	1	212	.	1.34	4	218	41	4	155	78	1.40
3	12	311	25	12	453	109	1.48	6	322	37	6	533	184	1.55	18	315	29	18	480	138	1.50
4	40	360	24	40	698	133	1.48	36	372	20	36	778	121	1.50	76	366	23	76	736	133	1.49
5	4	371	18	4	773	159	1.49	10	400	21	10	946	151	1.47	14	392	24	14	896	168	1.47
6	4	384	22	4	802	120	1.41	3	412	26	3	1003	123	1.44	7	396	26	7	888	154	1.42
7	20	387	16	20	842	110	1.44	22	409	18	22	975	136	1.42	42	398	20	42	912	140	1.43
8	15	400	23	15	921	126	1.43	12	415	26	12	1022	132	1.43	27	407	25	27	966	136	1.43
9	6	394	16	6	855	90	1.39	7	407	18	7	975	140	1.44	13	401	18	13	920	131	1.42
10	7	398	17	7	886	99	1.41	9	422	26	9	1100	174	1.46	16	411	25	16	1007	179	1.44
11	2	409	11	2	947	107	1.39	3	438	15	3	1211	141	1.44	5	426	20	5	1105	184	1.42
12	3	420	16	3	1072	133	1.44	2	428	52	2	1135	236	1.46	5	423	28	5	1097	155	1.45
13	1	397	.	1	885	.	1.41	.	.	.	.	.	.	.	1	397	.	1	885	.	1.41
14	3	412	10	3	813	23	1.16	.	.	.	.	.	.	.	3	412	10	3	813	23	1.16
15	1	402	.	1	1006	.	1.55	.	.	.	.	.	.	.	1	402	.	1	1006	.	1.55
16	.	.	.	.	.	.	.	1	420	.	1	1025	.	1.38	1	420	.	1	1025	.	1.38
17	1	416	.	1	968	.	1.34	1	465	.	1	1235	.	1.23	2	441	35	2	1102	189	1.29
18	2	413	16	2	896	133	1.27	1	434	.	1	1231	.	1.51	3	420	17	3	1008	215	1.35
19	.	.	.	.	.	.	.	1	489	.	1	1107	.	0.95	1	489	.	1	1107	.	0.95
TOTAL/MEAN	124	371	43	124	760	206	1.44	116	393	44	116	904	227	1.46	240	382	45	240	830	228	1.45

Table 116. Length and weight data, by age, for white sucker caught by gill nets in Dauphin Lake, summer, 1987.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
2	1	257	.	1	244	.	1.44	.	.	.	.	.	.	.	1	257	.	1	244	.	1.44
3	17	344	27	17	574	132	1.40	19	368	31	19	695	159	1.37	36	357	31	36	638	157	1.39
4	30	365	24	30	691	135	1.41	40	377	21	40	748	127	1.38	70	372	23	70	723	133	1.39
5	4	399	10	4	840	94	1.32	8	398	23	8	880	142	1.39	12	398	19	12	867	125	1.36
6	10	400	20	10	835	104	1.30	18	416	24	18	919	173	1.27	28	410	23	28	889	155	1.28
7	19	399	15	19	832	85	1.31	8	404	28	8	865	186	1.30	27	400	19	27	842	121	1.31
8	6	387	16	6	768	94	1.32	4	426	12	4	951	85	1.22	10	403	25	10	841	127	1.28
9	6	402	15	6	856	92	1.32	3	411	6	3	987	17	1.42	9	405	13	9	900	98	1.36
10	3	398	13	3	844	95	1.34	7	432	13	7	1004	72	1.24	10	422	20	10	956	107	1.27
11	2	400	5	2	875	27	1.37	1	429	.	1	1171	.	1.48	3	409	17	3	974	172	1.41
12	1	437	.	1	1116	.	1.34	1	452	.	1	1090	.	1.18	2	445	11	2	1103	18	1.26
16	1	435	.	1	996	.	1.21	.	.	.	.	.	.	.	1	435	.	1	996	.	1.21
19	1	417	.	1	990	.	1.37	2	456	15	2	1300	32	1.38	3	443	25	3	1196	180	1.37
TOTAL/MEAN	101	379	33	101	746	163	1.36	111	394	32	111	831	186	1.34	212	387	33	212	791	180	1.35

Table 117. Length and weight data, by age, for white sucker caught by gill nets in Dauphin Lake, fall, 1987.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	2	162	7	2	57	6	1.33	1	159	.	1	52	.	1.29	3	161	5	3	55	5	1.32
2	1	253	.	1	230	.	1.42	.	.	.	.	.	.	.	1	253	.	1	230	.	1.42
3	14	358	14	14	727	95	1.58	6	383	14	6	878	123	1.56	20	365	18	20	773	123	1.57
4	26	376	13	26	826	90	1.55	17	401	24	17	985	168	1.51	43	386	22	43	889	147	1.53
5	31	388	17	31	910	113	1.55	33	402	10	33	998	83	1.53	64	395	16	64	956	107	1.54
6	9	409	15	9	988	93	1.45	7	418	17	7	1125	136	1.54	16	413	16	16	1048	130	1.49
7	14	397	13	14	918	103	1.47	10	435	16	10	1174	150	1.42	24	413	24	24	1025	177	1.45
8	26	405	15	26	1004	121	1.51	10	420	22	10	1072	188	1.43	36	409	19	36	1023	143	1.49
9	11	404	12	11	977	87	1.48	8	422	16	8	1072	193	1.42	19	412	16	19	1017	145	1.45
10	11	413	16	11	1029	118	1.46	6	431	14	6	1160	149	1.45	17	419	17	17	1075	141	1.46
11	3	421	4	3	1042	123	1.39	2	416	45	2	1120	257	1.56	5	419	23	5	1073	161	1.46
12	1	429	.	1	1135	.	1.44	3	441	44	3	1248	312	1.44	4	438	36	4	1220	261	1.44
13	1	417	.	1	1100	.	1.52	2	437	24	2	1195	158	1.43	3	430	21	3	1163	124	1.46
14	2	403	15	2	942	259	1.43	.	.	.	.	.	.	.	2	403	15	2	942	259	1.43
15	1	404	.	1	963	.	1.46	.	.	.	.	.	.	.	1	404	.	1	963	.	1.46
18	1	414	.	1	851	.	1.20	.	.	.	.	.	.	.	1	414	.	1	851	.	1.20
19	1	407	.	1	1002	.	1.49	.	.	.	.	.	.	.	1	407	.	1	1002	.	1.49
20	.	.	.	.	.	.	.	1	481	.	1	1330	.	1.20	1	481	.	1	1330	.	1.20
TOTAL/MEAN	155	389	36	155	904	177	1.51	106	410	34	106	1043	192	1.49	261	398	37	261	961	195	1.50

Table 118. Length and weight data, by age, for white sucker caught by gill nets in Dauphin Lake, fall, 1988.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	7	166	10	7	61	12	1.33	8	170	27	8	71	44	1.33	15	168	20	15	66	32	1.33
2	3	244	5	3	215	17	1.47	1	244	.	1	219	.	1.51	4	244	4	4	216	14	1.48
3	1	331	.	1	569	.	1.57	.	.	.	.	.	.	.	1	331	.	1	569	.	1.57
4	10	371	20	10	770	108	1.51	11	384	18	11	915	137	1.61	21	377	20	21	846	142	1.56
5	29	387	14	29	889	125	1.53	31	400	15	31	1000	112	1.56	60	394	16	60	946	130	1.55
6	12	395	13	12	945	91	1.54	12	411	23	12	1095	143	1.57	24	403	20	24	1020	140	1.55
7	3	395	19	3	917	101	1.49	3	414	24	3	1147	223	1.60	6	405	22	6	1032	200	1.54
8	1	415	.	1	891	.	1.25	.	.	.	.	.	.	.	1	415	.	1	891	.	1.25
9	3	420	22	3	1073	157	1.45	3	423	7	3	1130	47	1.50	6	421	15	6	1102	108	1.47
10	1	430	.	1	1161	.	1.46	2	400	4	2	992	1	1.56	3	410	18	3	1048	98	1.52
11	.	.	.	.	.	.	.	3	447	21	3	1464	211	1.64	3	447	21	3	1464	211	1.64
12	1	437	.	1	1254	.	1.50	1	450	.	1	1512	.	1.66	2	444	9	2	1383	182	1.58
13	1	460	.	1	1252	.	1.29	.	.	.	.	.	.	.	1	460	.	1	1252	.	1.29
14	.	.	.	.	.	.	.	2	458	8	2	1511	116	1.58	2	458	8	2	1511	116	1.58
TOTAL/MEAN	72	362	74	72	792	312	1.49	77	379	78	77	944	363	1.55	149	371	76	149	871	347	1.52

Table 119. Length and weight data, by age, for white sucker caught by gill nets in Dauphin Lake, fall, 1989.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	5	163	24	5	64	29	1.39	1	170	.	1	69	.	1.40	6	164	22	6	65	26	1.39
2	3	250	37	3	260	120	1.60	.	.	.	.	.	.	.	3	250	37	3	260	120	1.60
4	1	366	.	1	770	.	1.57	1	393	.	1	976	.	1.61	2	380	19	2	873	146	1.59
5	6	392	21	6	997	231	1.63	3	427	11	3	1219	82	1.56	9	404	25	9	1071	217	1.61
6	17	399	16	17	1016	113	1.60	11	418	13	11	1220	189	1.67	28	406	17	28	1096	176	1.63
7	15	401	18	15	1001	124	1.54	13	425	19	13	1229	151	1.60	28	412	22	28	1107	178	1.57
8	4	405	10	4	1067	130	1.61	2	424	9	2	1260	48	1.66	6	411	13	6	1131	143	1.63
9	1	420	.	1	1083	.	1.46	.	.	.	.	.	.	.	1	420	.	1	1083	.	1.46
10	13	407	17	13	1016	97	1.51	5	430	23	5	1278	256	1.59	18	413	21	18	1089	191	1.53
11	4	414	12	4	1083	89	1.52	.	.	.	.	.	.	.	4	414	12	4	1083	89	1.52
12	.	.	.	.	.	.	.	2	427	10	2	1169	4	1.50	2	427	10	2	1169	4	1.50
19	1	414	.	1	1041	.	1.47	.	.	.	.	.	.	.	1	414	.	1	1041	.	1.47
TOTAL/MEAN	70	378	70	70	915	308	1.55	38	416	44	38	1193	249	1.61	108	392	65	108	1013	317	1.57

Table 120. Length and weight data, by age, for shorthead redhorse caught by gill nets in Dauphin Lake, summer, 1984.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
2	1	147	.	1	46	.	1.45	1	154	.	1	51	.	1.40	7	155	10	7	56	11	1.48
3	2	174	16	2	82	19	1.54	3	184	38	3	98	57	1.43	6	186	29	6	101	45	1.48
4	2	250	20	2	245	7	1.59	1	286	.	1	390	.	1.67	5	255	32	5	270	90	1.59
5	7	303	16	7	449	93	1.59	7	293	17	7	394	93	1.56	29	298	17	29	438	93	1.63
6	7	343	25	7	604	139	1.49	8	323	21	8	545	125	1.60	18	329	23	18	563	121	1.56
7	3	338	10	3	637	99	1.63	1	396	.	1	1010	.	1.63	4	353	30	4	730	203	1.63
8	4	352	31	4	735	184	1.68	2	356	4	2	760	0	1.69	6	353	24	6	743	143	1.68
9	1	341	.	1	610	.	1.54	3	376	22	3	920	147	1.73	5	371	24	5	886	196	1.70
10	1	348	.	1	780	.	1.85	1	370	.	1	890	.	1.76	2	359	16	2	835	78	1.80
11	.	.	.	.	.	.	.	1	422	.	1	1200	.	1.60	1	422	.	1	1200	.	1.60
TOTAL/MEAN	28	308	61	28	511	230	1.58	28	309	68	28	544	305	1.59	83	296	66	83	480	264	1.60

Table 121. Length and weight data, by age, for shorthead redhorse caught by gill nets in Dauphin Lake, fall, 1984.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	2	137	2	2	35	1	1.36	.	.	.	.	.	.	.	2	137	2	2	35	1	1.36
2	1	131	.	1	37	.	1.65	.	.	.	.	.	.	.	1	131	.	1	37	.	1.65
3	1	225	.	1	162	.	1.42	0	.	.	1	105	.	.	1	225	.	2	134	40	1.42
6	.	.	.	.	.	.	.	2	316	6	2	509	66	1.61	2	316	6	2	509	66	1.61
8	.	.	.	.	.	.	.	1	350	.	1	686	.	1.60	1	350	.	1	686	.	1.60
TOTAL/MEAN	4	157	45	4	67	63	1.45	3	327	20	4	452	249	1.60	7	230	97	8	260	266	1.51

Table 122. Length and weight data, by age, for shorthead redhorse caught by gill nets in Dauphin Lake, spring, 1985.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
2	2	144	12	2	39	7	1.32	.	.	.	.	.	.	.	2	144	12	2	39	7	1.32
3	.	.	.	.	.	.	.	3	192	5	3	91	4	1.29	3	192	5	3	91	4	1.29
4	1	251	.	1	214	.	1.35	2	297	59	2	430	277	1.51	3	282	50	3	358	232	1.46
5	2	316	21	2	474	156	1.48	4	301	24	4	403	121	1.45	6	306	22	6	426	122	1.46
6	3	315	6	3	470	11	1.51	7	329	16	7	558	103	1.55	10	325	15	10	532	95	1.54
7	6	343	10	6	582	81	1.44	8	356	9	8	663	70	1.47	14	350	11	14	628	83	1.46
8	4	343	10	4	579	91	1.43	6	377	13	6	813	187	1.50	10	364	21	10	719	192	1.47
9	5	369	16	5	758	80	1.51	11	392	20	11	951	196	1.57	16	384	21	16	891	190	1.55
10	3	368	16	3	761	138	1.51	4	387	20	4	929	145	1.60	7	379	20	7	857	158	1.56
11	1	369	.	1	805	.	1.60	5	403	16	5	1080	162	1.64	6	398	20	6	1035	183	1.63
12	2	389	5	2	919	46	1.57	2	391	13	2	995	85	1.66	4	390	8	4	957	71	1.62
13	.	.	.	.	.	.	.	2	396	19	2	917	116	1.48	2	396	19	2	917	116	1.48
TOTAL/MEAN	29	332	60	29	592	228	1.47	54	356	54	54	745	294	1.53	83	348	57	83	692	281	1.51

Table 123. Length and weight data, by age, for shorthead redhorse caught by gill nets in Dauphin Lake, summer, 1985.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
2	26	152	10	26	48	9	1.34	13	151	9	13	47	8	1.36	50	153	10	50	47	9	1.31
3	6	207	32	6	135	82	1.39	3	235	13	3	174	32	1.34	9	216	29	9	148	70	1.37
4	14	265	8	14	268	29	1.44	12	274	19	12	307	68	1.47	26	269	15	26	286	54	1.46
5	7	309	14	7	434	70	1.46	9	325	17	9	531	84	1.53	16	318	17	16	489	90	1.50
6	14	323	33	14	508	121	1.48	22	340	10	22	619	69	1.57	36	333	23	36	576	106	1.53
7	7	337	10	7	545	64	1.42	6	355	16	6	667	89	1.49	13	345	16	13	601	97	1.45
8	2	358	8	2	710	87	1.54	3	363	18	3	741	115	1.54	5	361	14	5	728	94	1.54
9	2	365	6	2	698	25	1.44	7	392	21	7	928	146	1.53	9	386	22	9	877	163	1.51
10	5	364	9	5	747	27	1.56	2	369	1	2	785	14	1.56	7	365	8	7	758	29	1.56
11	5	371	16	5	753	102	1.47	.	.	.	.	.	.	.	5	371	16	5	753	102	1.47
12	1	377	.	1	833	.	1.55	.	.	.	.	.	.	.	1	377	.	1	833	.	1.55
13	.	.	.	.	.	.	.	1	413	.	1	1150	.	1.63	1	413	.	1	1150	.	1.63
14	.	.	.	.	.	.	.	1	439	.	1	1321	.	1.56	1	439	.	1	1321	.	1.56
TOTAL/MEAN	89	263	84	89	347	263	1.43	79	303	80	79	506	300	1.50	179	274	87	179	399	296	1.44

Table 124. Length and weight data, by age, for shorthead redhorse caught by gill nets in Dauphin Lake, fall, 1985.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
2	6	156	10	6	52	10	1.37	2	156	6	2	51	9	1.32	8	156	9	8	52	9	1.36
4	.	.	.	.	.	.	.	1	318	.	1	486	.	1.51	1	318	.	1	486	.	1.51
6	.	.	.	.	.	.	.	3	354	34	3	716	202	1.59	3	354	34	3	716	202	1.59
7	.	.	.	.	.	.	.	1	350	.	1	622	.	1.45	1	350	.	1	622	.	1.45
TOTAL/MEAN	6	156	10	6	52	10	1.37	7	292	96	7	479	326	1.48	13	229	98	13	282	320	1.43

Table 125. Length and weight data, by age, for shorthead redhorse caught by gill nets in Dauphin Lake, spring, 1986.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
2	2	144	22	2	40	20	1.29	1	158	.	1	47	.	1.19	3	148	18	3	42	15	1.26
3	12	163	11	12	53	14	1.19	5	165	13	5	56	13	1.23	19	164	11	19	53	13	1.18
4	1	266	.	1	232	.	1.23	3	252	12	3	215	38	1.34	4	256	12	4	220	32	1.31
5	15	273	23	15	275	88	1.32	9	278	21	9	303	81	1.38	24	275	22	24	285	85	1.34
6	1	325	.	1	522	.	1.52	8	327	23	8	527	125	1.48	9	327	21	9	526	117	1.48
7	8	328	11	8	503	37	1.43	14	352	15	14	653	79	1.50	22	343	18	22	598	99	1.47
8	.	.	.	.	.	.	.	6	365	11	6	679	81	1.39	6	365	11	6	679	81	1.39
9	3	360	14	3	712	128	1.52	2	374	4	2	793	56	1.51	5	365	13	5	744	104	1.52
10	1	362	.	1	694	.	1.46	6	379	12	6	792	38	1.46	7	376	12	7	778	51	1.46
11	2	380	9	2	691	6	1.27	5	391	15	5	855	117	1.42	7	388	14	7	808	124	1.38
12	.	.	.	.	.	.	.	2	402	6	2	934	108	1.43	2	402	6	2	934	108	1.43
14	2	389	11	2	796	80	1.35	1	413	.	1	980	.	1.39	3	397	16	3	857	121	1.37
18	.	.	.	.	.	.	.	1	454	.	1	1353	.	1.45	1	454	.	1	1353	.	1.45
TOTAL/MEAN	47	266	80	47	328	249	1.32	63	327	70	63	571	284	1.42	112	299	81	112	459	297	1.37

Table 126. Length and weight data, by age, for shorthead redhorse caught by gill nets in Dauphin Lake, summer, 1986.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
2	1	133	.	1	34	.	1.45	2	143	8	2	39	6	1.31	4	141	7	4	38	4	1.35
3	10	190	17	10	102	27	1.44	9	177	11	9	74	17	1.32	19	184	16	19	88	26	1.38
4	5	264	12	5	289	49	1.56	9	264	17	9	271	49	1.47	14	264	15	14	278	48	1.50
5	10	291	15	10	383	68	1.54	14	296	18	14	395	72	1.52	24	294	17	24	390	69	1.52
6	12	327	20	12	531	95	1.51	17	336	15	17	579	81	1.53	29	332	18	29	559	89	1.52
7	10	336	15	10	601	94	1.58	16	356	9	16	690	63	1.53	26	348	15	26	656	87	1.54
8	4	347	13	4	623	121	1.48	8	372	13	8	799	64	1.56	12	363	17	12	740	119	1.53
9	1	367	.	1	790	.	1.60	3	392	2	3	932	29	1.55	4	386	13	4	897	75	1.56
10	1	368	.	1	675	.	1.35	1	368	.	1	814	.	1.63	2	368	0	2	745	98	1.49
11	1	373	.	1	813	.	1.57	1	397	.	1	1050	.	1.68	2	385	17	2	932	168	1.62
14	.	.	.	.	.	.	.	1	402	.	1	1044	.	1.61	1	402	.	1	1044	.	1.61
TOTAL/MEAN	55	292	62	55	427	217	1.51	81	310	68	81	515	265	1.50	137	301	67	137	476	251	1.50

Table 127. Length and weight data, by age, for shorthead redhorse caught by gill nets in Dauphin Lake, fall, 1986.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	142	5	3	40	6	1.41
3	3	216	16	3	154	45	1.50	3	251	55	3	258	194	1.43	6	234	41	6	206	138	1.47
4	2	256	8	2	265	49	1.58	.	.	.	.	.	.	.	2	256	8	2	265	49	1.58
5	6	297	22	6	421	100	1.59	6	303	15	6	441	96	1.56	12	300	18	12	431	94	1.58
6	.	.	.	.	.	.	.	3	337	9	3	625	65	1.63	3	337	9	3	625	65	1.63
7	5	344	13	5	659	69	1.62	12	350	13	12	691	106	1.60	17	348	13	17	682	96	1.60
8	5	341	12	4	625	62	1.56	3	384	19	3	949	210	1.66	8	357	26	7	764	216	1.60
9	.	.	.	.	.	.	.	1	409	.	1	1185	.	1.73	1	409	.	1	1185	.	1.73
10	3	406	36	3	1168	370	1.70	3	396	8	3	1104	173	1.78	6	401	24	6	1136	261	1.74
11	1	390	.	1	1045	.	1.76	3	363	36	3	832	276	1.69	4	370	32	4	885	250	1.71
12	1	370	.	1	736	.	1.45	.	.	.	.	.	.	.	1	370	.	1	736	.	1.45
TOTAL/MEAN	26	321	59	25	584	328	1.59	34	342	45	34	689	276	1.61	63	324	65	62	615	321	1.60

Table 128. Length and weight data, by age, for shorthead redhorse caught by gill nets in Dauphin Lake, spring, 1987.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
3	3	154	7	3	51	5	1.39	.	.	.	.	.	.	.	3	154	7	3	51	5	1.39
4	2	233	5	2	166	2	1.32	1	210	.	1	135	.	1.46	3	225	13	3	155	18	1.37
5	1	251	.	1	243	.	1.54	4	254	12	4	245	27	1.50	5	253	10	5	245	23	1.51
6	7	316	9	7	462	36	1.46	3	326	20	3	519	105	1.48	10	319	13	10	479	64	1.47
7	3	329	4	3	560	17	1.57	3	355	4	3	628	79	1.41	6	342	15	6	594	63	1.49
8	3	333	15	3	562	73	1.52	4	358	21	4	732	183	1.58	7	347	21	7	659	164	1.55
9	2	347	4	2	613	23	1.47	2	354	35	2	649	194	1.45	5	349	18	5	622	101	1.46
10	.	.	.	.	.	.	.	1	385	.	1	874	.	1.53	1	385	.	1	874	.	1.53
11	1	346	.	1	572	.	1.38	.	.	.	.	.	.	.	1	346	.	1	572	.	1.38
14	.	.	.	.	.	.	.	1	421	.	1	1066	.	1.43	1	421	.	1	1066	.	1.43
15	.	.	.	.	.	.	.	1	424	.	1	1092	.	1.43	1	424	.	1	1092	.	1.43
TOTAL/MEAN	22	292	65	22	415	197	1.46	20	332	60	20	591	283	1.49	43	312	65	43	501	252	1.47

Table 129. Length and weight data, by age, for shorthead redhorse caught by gill nets in Dauphin Lake, summer, 1987.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
2	2	140	8	2	39	8	1.41	.	.	.	.	.	.	.	2	140	8	2	39	8	1.41
3	1	180	.	1	91	.	1.56	1	183	.	1	86	.	1.40	3	174	13	3	73	26	1.34
4	14	233	12	14	192	36	1.50	19	248	20	19	227	59	1.46	34	241	18	34	210	53	1.47
5	13	295	19	12	382	70	1.50	9	295	28	9	374	111	1.42	23	295	22	22	376	86	1.46
6	7	314	13	7	461	60	1.48	10	329	14	10	544	71	1.53	17	323	15	17	510	77	1.51
7	12	333	13	12	543	79	1.47	4	342	12	4	592	58	1.48	16	335	13	16	555	76	1.47
8	2	341	11	2	640	193	1.60	2	356	7	2	663	70	1.47	4	348	12	4	651	119	1.53
9	1	357	.	1	720	.	1.58	.	.	.	.	.	.	.	1	357	.	1	720	.	1.58
10	1	346	.	1	513	.	1.24	2	375	9	2	780	131	1.48	3	365	18	3	691	180	1.40
11	.	.	.	.	.	.	.	1	391	.	1	879	.	1.47	1	391	.	1	879	.	1.47
12	.	.	.	.	.	.	.	1	403	.	1	886	.	1.35	1	403	.	1	886	.	1.35
TOTAL/MEAN	53	286	54	52	379	179	1.49	49	295	52	49	412	212	1.47	105	288	54	104	389	197	1.47

Table 130. Length and weight data, by age, for shorthead redhorse caught by gill nets in Dauphin Lake, fall, 1987.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
4	12	260	11	12	269	32	1.52	9	255	9	9	245	30	1.46	21	258	10	21	258	33	1.50
5	3	318	8	3	491	51	1.52	.	.	.	.	.	.	.	3	318	8	3	491	51	1.52
6	13	318	17	13	532	103	1.64	10	334	18	10	611	104	1.62	23	325	19	23	566	109	1.63
7	4	326	13	4	529	58	1.52	5	360	16	5	722	110	1.54	9	345	22	9	636	133	1.53
8	3	335	3	3	621	48	1.65	6	369	12	6	832	100	1.65	9	358	20	9	762	134	1.65
9	.	.	.	.	.	.	.	3	375	20	3	887	113	1.68	3	375	20	3	887	113	1.68
10	.	.	.	.	.	.	.	1	399	.	1	1100	.	1.73	1	399	.	1	1100	.	1.73
11	.	.	.	.	.	.	.	2	381	11	2	1045	106	1.89	2	381	11	2	1045	106	1.89
TOTAL/MEAN	35	301	33	35	445	149	1.57	36	332	50	36	632	274	1.60	71	316	45	71	540	239	1.59

Table 131. Length and weight data, by age, for shorthead redhorse caught by gill nets in Dauphin Lake, fall, 1988.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	10	148	9	10	45	9	1.37	10	161	22	10	63	32	1.42	21	154	18	21	53	25	1.40
2	7	179	11	7	81	18	1.40	3	207	73	3	164	186	1.36	10	187	38	10	106	98	1.39
3	5	242	11	5	214	35	1.51	1	214	.	1	138	.	1.41	6	237	15	6	201	44	1.49
5	4	289	18	4	390	92	1.58	4	293	29	4	388	125	1.50	8	291	22	8	389	101	1.54
6	4	330	10	4	565	81	1.57	3	330	6	3	601	19	1.68	7	330	8	7	580	61	1.62
7	4	336	7	4	614	29	1.62	5	347	13	5	687	89	1.64	9	342	11	9	655	76	1.63
8	1	349	.	1	665	.	1.56	.	.	.	.	.	.	.	1	349	.	1	665	.	1.56
11	1	337	.	1	742	.	1.94	.	.	.	.	.	.	.	1	337	.	1	742	.	1.94
TOTAL/MEAN	36	235	78	36	271	244	1.49	26	244	84	26	310	272	1.50	63	237	80	63	283	255	1.49

Table 132. Length and weight data, by age, for shorthead redhorse caught by gill nets in Dauphin Lake, fall, 1989.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	11	142	8	11	42	8	1.42	9	145	13	9	44	12	1.42	20	143	10	20	43	10	1.42
2	10	208	25	10	138	50	1.46	7	201	14	7	119	24	1.45	17	205	21	17	130	41	1.46
3	9	246	16	9	226	45	1.50	13	244	15	13	223	46	1.53	22	245	15	22	224	44	1.52
4	2	294	8	2	388	19	1.53	.	.	.	.	.	.	.	2	294	8	2	388	19	1.53
5	4	295	21	4	409	98	1.57	4	301	23	4	427	114	1.53	8	298	21	8	418	99	1.55
6	23	324	17	23	571	104	1.66	23	339	14	23	656	113	1.67	46	332	17	46	614	115	1.67
7	11	339	15	11	649	90	1.66	19	357	14	19	761	91	1.67	30	350	17	30	720	104	1.67
8	1	335	.	1	623	.	1.66	7	365	19	7	807	135	1.65	8	361	21	8	784	141	1.66
9	3	352	17	3	722	51	1.66	5	375	15	5	827	167	1.55	8	367	19	8	788	140	1.59
12	.	.	.	.	.	.	.	1	391	.	1	979	.	1.64	1	391	.	1	979	.	1.64
TOTAL/MEAN	74	273	73	74	397	248	1.57	88	301	76	88	524	300	1.59	162	288	76	162	466	284	1.58

Table 133. Length and weight data, by age, for yellow perch caught by gill nets in Dauphin Lake, summer, 1984.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	8	70	5	8	5	1	1.36
2	62	134	8	61	34	6	1.39	192	137	16	191	38	27	1.38	282	135	15	280	36	23	1.39
3	6	192	31	6	129	47	1.73	47	209	29	47	160	54	1.65	54	207	29	54	158	54	1.66
4	25	219	16	25	177	48	1.66	189	236	14	188	224	41	1.69	221	234	15	220	219	45	1.69
5	6	227	20	6	188	36	1.60	54	246	14	54	261	52	1.73	60	244	16	60	254	55	1.72
6	1	229	.	1	180	.	1.50	17	256	15	17	286	54	1.70	19	255	16	19	285	59	1.70
7	.	.	.	.	.	.	.	6	261	11	6	300	45	1.68	6	261	11	6	300	45	1.68
8	.	.	.	.	.	.	.	8	262	15	8	294	64	1.63	8	262	15	8	294	64	1.63
9	1	285	.	1	350	.	1.51	9	278	14	9	368	59	1.70	10	279	14	10	367	56	1.68
10	.	.	.	.	.	.	.	3	283	17	3	377	58	1.65	3	283	17	3	377	58	1.65
11	.	.	.	.	.	.	.	1	292	.	1	440	.	1.77	1	292	.	1	440	.	1.77
TOTAL/MEAN	101	167	44	100	89	78	1.49	526	201	53	524	162	109	1.58	672	191	55	669	145	109	1.56

Table 134. Length and weight data, by age, for yellow perch caught by gill nets in Dauphin Lake, fall, 1984.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	4	85	8	4	7	2	1.06	3	85	2	2	8	1	1.18	7	85	6	6	7	2	1.10
2	55	139	13	55	36	15	1.29	96	140	10	96	36	9	1.27	151	140	11	151	36	12	1.28
3	3	208	12	3	135	22	1.49	16	226	13	16	171	33	1.46	19	223	14	19	166	34	1.47
4	14	215	25	14	158	47	1.53	69	246	18	69	237	46	1.56	83	241	23	83	224	54	1.55
5	1	222	.	1	167	.	1.53	30	263	14	30	294	52	1.60	31	262	16	31	290	56	1.59
6	.	.	.	.	.	.	.	13	276	9	13	323	27	1.54	13	276	9	13	323	27	1.54
7	.	.	.	.	.	.	.	5	271	14	5	316	54	1.58	5	271	14	5	316	54	1.58
8	.	.	.	.	.	.	.	3	266	12	3	308	84	1.61	3	266	12	3	308	84	1.61
TOTAL/MEAN	77	154	39	77	62	57	1.33	235	204	59	234	163	119	1.44	312	192	59	311	138	115	1.41

Table 135. Length and weight data, by age, for yellow perch caught by gill nets in Dauphin Lake, spring, 1985.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	4	76	4	4	6	1	1.35	5	83	7	5	7	2	1.14	9	80	6	9	6	2	1.23
2	.	.	.	.	.	.	.	4	87	4	4	8	1	1.29	4	87	4	4	8	1	1.29
3	32	140	7	32	33	6	1.19	166	143	9	166	37	8	1.25	198	142	9	198	36	8	1.24
4	7	156	9	7	47	9	1.23	38	157	11	38	50	12	1.28	45	156	10	45	49	11	1.27
5	2	202	13	2	118	31	1.41	39	235	11	39	179	32	1.37	41	233	13	41	176	34	1.37
6	12	219	10	12	144	23	1.36	83	249	12	83	220	39	1.41	95	248	16	95	211	45	1.40
7	1	234	.	1	203	.	1.58	32	265	14	32	271	61	1.44	33	264	15	33	269	61	1.45
8	.	.	.	.	.	.	.	8	271	13	8	294	80	1.45	8	271	13	8	294	80	1.45
9	.	.	.	.	.	.	.	3	288	13	3	351	62	1.45	3	288	13	3	351	62	1.45
10	1	230	.	1	182	.	1.50	3	300	16	3	403	44	1.49	4	283	37	4	348	116	1.49
11	.	.	.	.	.	.	.	2	280	15	2	308	64	1.40	2	280	15	2	308	64	1.40
TOTAL/MEAN	59	159	41	59	64	54	1.26	383	191	57	383	123	105	1.32	442	187	56	442	115	102	1.31

Table 136. Length and weight data, by age, for yellow perch caught by gill nets in Dauphin Lake, summer, 1985.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	5	90	5	5	9	2	1.21	7	91	4	7	9	2	1.23	12	91	4	12	9	2	1.22
2	12	96	12	12	12	7	1.23	28	111	16	28	20	9	1.35	40	107	16	40	17	9	1.32
3	62	143	12	62	40	12	1.32	114	148	12	115	46	14	1.36	177	146	12	178	43	14	1.35
4	2	142	4	2	39	6	1.35	17	175	28	17	80	39	1.39	19	172	29	19	76	39	1.39
5	18	215	7	18	144	20	1.43	48	242	12	48	216	41	1.52	66	234	16	66	197	49	1.49
6	9	228	11	9	173	25	1.46	102	259	14	102	271	56	1.54	111	256	16	111	263	60	1.54
7	.	.	.	.	.	.	.	23	266	16	23	296	60	1.55	23	266	16	23	296	60	1.55
8	.	.	.	.	.	.	.	6	271	18	6	306	80	1.49	6	271	18	6	306	80	1.49
9	.	.	.	.	.	.	.	6	285	19	6	352	75	1.51	6	285	19	6	352	75	1.51
10	.	.	.	.	.	.	.	2	301	3	2	379	54	1.39	2	301	3	2	379	54	1.39
11	.	.	.	.	.	.	.	4	291	11	4	393	51	1.58	4	291	11	4	393	51	1.58
12	.	.	.	.	.	.	.	2	297	22	2	423	86	1.61	2	297	22	2	423	86	1.61
TOTAL/MEAN	108	154	43	108	64	56	1.34	359	205	62	360	164	124	1.45	468	193	62	469	141	120	1.43

Table 137. Length and weight data, by age, for yellow perch caught by gill nets in Dauphin Lake, fall, 1985.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
0	.	.	.	.	.	.	.	1	60	.	1	2	.	0.93	1	60	.	1	2	.	0.93
1	6	94	7	6	10	3	1.21	4	97	4	4	12	3	1.25	10	95	6	10	11	3	1.23
2	4	143	33	4	48	41	1.39	27	127	16	27	28	10	1.31	31	129	19	31	31	17	1.32
3	16	145	10	16	44	11	1.40	58	156	13	58	55	16	1.41	74	154	13	74	52	16	1.41
4	1	159	.	1	55	.	1.37	5	232	12	5	184	29	1.48	6	220	31	6	163	59	1.46
5	5	228	17	5	180	46	1.49	24	251	15	24	238	47	1.49	29	247	18	29	228	51	1.49
6	2	228	18	2	185	37	1.56	43	271	12	43	312	45	1.56	45	269	15	45	306	52	1.56
7	.	.	.	.	.	.	.	17	278	11	17	341	49	1.57	17	278	11	17	341	49	1.57
8	.	.	.	.	.	.	.	1	287	.	1	369	.	1.56	1	287	.	1	369	.	1.56
9	.	.	.	.	.	.	.	2	284	6	2	341	12	1.49	2	284	6	2	341	12	1.49
10	.	.	.	.	.	.	.	4	288	20	4	342	95	1.40	4	288	20	4	342	95	1.40
11	1	251	.	1	268	.	1.69	.	.	.	.	.	.	.	1	251	.	1	268	.	1.69
TOTAL/MEAN	35	156	48	35	73	72	1.40	186	207	65	186	173	135	1.45	221	199	65	221	157	132	1.44

Table 138. Length and weight data, by age, for yellow perch caught by gill nets in Dauphin Lake, spring, 1986.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	4	89	4	4	8	1	1.16	3	92	5	3	9	1	1.22	7	90	4	7	9	1	1.18
2	9	123	19	9	23	9	1.17	42	135	13	42	32	11	1.27	51	133	15	51	30	11	1.25
3	41	151	10	41	44	10	1.27	110	156	14	110	52	16	1.33	151	155	13	151	50	15	1.31
4	8	178	35	8	79	48	1.26	14	200	37	14	113	60	1.30	22	192	37	22	101	57	1.29
5	15	232	17	15	171	43	1.35	130	257	15	130	235	47	1.37	145	254	17	145	228	51	1.37
6	1	229	.	1	167	.	1.39	14	262	12	14	249	30	1.39	15	260	14	15	244	36	1.39
7	1	232	.	1	162	.	1.30	15	273	14	15	285	57	1.39	16	270	17	16	277	63	1.38
8	.	.	.	.	.	.	.	1	243	.	1	195	.	1.36	1	243	.	1	195	.	1.36
9	.	.	.	.	.	.	.	1	310	.	1	355	.	1.19	1	310	.	1	355	.	1.19
10	.	.	.	.	.	.	.	4	282	9	4	314	29	1.40	4	282	9	4	314	29	1.40
11	.	.	.	.	.	.	.	1	283	.	1	327	.	1.44	1	283	.	1	327	.	1.44
TOTAL/MEAN	79	165	43	79	71	60	1.27	335	206	57	335	147	105	1.34	414	198	57	414	132	102	1.33

Table 139. Length and weight data, by age, for yellow perch caught by gill nets in Dauphin Lake, summer, 1986.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	6	80	18	6	8	6	1.38	5	71	5	5	5	1	1.45	13	75	13	13	6	4	1.39
2	13	122	9	13	24	6	1.31	43	127	9	43	27	6	1.30	56	125	9	56	26	6	1.30
3	30	132	12	30	31	8	1.34	152	141	21	152	40	29	1.34	183	139	20	183	39	27	1.34
4	18	157	15	18	54	17	1.35	63	173	25	63	79	36	1.41	81	169	24	81	73	34	1.40
5	6	208	40	6	140	68	1.42	40	242	28	40	215	75	1.45	46	238	31	46	205	78	1.44
6	.	.	.	.	.	.	.	44	260	23	44	266	67	1.48	44	260	23	44	266	67	1.48
7	3	230	15	3	172	22	1.42	22	271	12	22	298	37	1.50	25	266	18	25	283	55	1.49
8	1	225	.	1	144	.	1.26	1	249	.	1	226	.	1.46	2	237	17	2	185	58	1.36
9	.	.	.	.	.	.	.	2	291	1	2	382	5	1.56	2	291	1	2	382	5	1.56
10	.	.	.	.	.	.	.	3	270	19	3	300	97	1.48	3	270	19	3	300	97	1.48
11	.	.	.	.	.	.	.	2	281	21	2	313	90	1.39	2	281	21	2	313	90	1.39
TOTAL/MEAN	77	143	38	77	49	46	1.35	377	179	58	377	110	109	1.39	457	172	57	457	99	104	1.38

Table 140. Length and weight data, by age, for yellow perch caught by gill nets in Dauphin Lake, fall, 1986.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	55	.	1	2	.	1.20
1	3	92	5	3	11	1	1.36	6	87	13	6	10	5	1.35	9	89	11	9	10	4	1.35
2	14	129	11	14	31	8	1.43	49	136	10	49	36	9	1.40	63	135	10	63	35	9	1.41
3	8	136	11	8	37	9	1.46	69	144	13	69	43	15	1.39	77	143	13	77	42	15	1.40
4	3	162	14	3	66	17	1.53	36	190	20	36	104	35	1.47	39	187	21	39	101	36	1.48
5	.	.	.	.	.	.	.	8	226	27	8	184	69	1.55	8	226	27	8	184	69	1.55
6	.	.	.	.	.	.	.	16	258	15	16	276	56	1.59	16	258	15	16	276	56	1.59
7	1	251	.	1	267	.	1.69	25	274	14	25	325	59	1.57	26	273	15	26	323	59	1.58
8	.	.	.	.	.	.	.	5	275	15	5	326	76	1.55	5	275	15	5	326	76	1.55
9	.	.	.	.	.	.	.	3	280	5	3	350	34	1.59	3	280	5	3	350	34	1.59
10	.	.	.	.	.	.	.	2	288	8	2	332	41	1.39	2	288	8	2	332	41	1.39
11	.	.	.	.	.	.	.	2	303	12	2	424	90	1.52	2	303	12	2	424	90	1.52
12	.	.	.	.	.	.	.	1	297	.	1	384	.	1.47	1	297	.	1	384	.	1.47
TOTAL/MEAN	29	135	30	29	43	46	1.45	222	182	59	222	122	122	1.45	252	176	58	252	113	118	1.45

Table 141. Length and weight data, by age, for yellow perch caught by gill nets in Dauphin Lake, spring, 1987.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	.	.	.	.	.	.	.	1	68	.	1	4	.	1.27	2	69	1	2	4	1	1.09
2	5	115	20	5	20	8	1.24	9	124	25	9	29	21	1.33	14	121	23	14	25	17	1.30
3	25	145	17	25	42	23	1.31	143	143	19	143	40	29	1.31	168	143	19	168	41	28	1.31
4	10	149	11	10	41	10	1.23	79	154	15	79	50	19	1.32	89	153	14	89	49	18	1.31
5	6	166	32	6	65	43	1.28	59	200	30	59	122	58	1.43	65	197	31	65	117	59	1.41
6	2	213	14	2	137	26	1.40	26	239	26	26	203	66	1.43	28	238	26	28	198	66	1.43
7	5	233	17	5	176	39	1.38	67	262	26	67	271	66	1.46	72	260	27	72	264	69	1.45
8	11	240	15	11	191	42	1.37	31	269	30	31	309	81	1.52	42	262	29	42	278	90	1.48
9	.	.	.	.	.	.	.	18	284	11	18	332	49	1.44	18	284	11	18	332	49	1.44
10	.	.	.	.	.	.	.	4	279	15	4	303	25	1.41	4	279	15	4	303	25	1.41
13	.	.	.	.	.	.	.	1	313	.	1	471	.	1.54	1	313	.	1	471	.	1.54
TOTAL/MEAN	64	171	45	64	81	70	1.31	438	192	59	438	132	119	1.38	503	189	58	503	125	115	1.37

Table 142. Length and weight data, by age, for yellow perch caught by gill nets in Dauphin Lake, summer, 1987.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	9	79	6	9	6	2	1.26	6	77	6	6	6	1	1.26	16	78	6	16	6	2	1.27
2	19	134	18	19	37	13	1.45	34	143	12	34	43	10	1.46	53	140	15	53	41	12	1.45
3	47	150	12	47	50	13	1.46	120	157	11	120	58	13	1.49	167	155	11	167	56	14	1.48
4	9	159	16	9	61	22	1.47	57	181	18	58	91	28	1.51	66	178	19	67	87	29	1.50
5	6	194	26	6	119	58	1.55	85	214	17	85	152	40	1.51	91	213	19	91	150	42	1.51
6	1	170	.	1	72	.	1.47	9	246	35	9	241	102	1.53	10	239	41	10	224	110	1.52
7	2	237	23	2	214	69	1.59	43	272	18	43	309	63	1.52	45	270	20	45	305	65	1.52
8	.	.	.	.	.	.	.	22	277	12	22	315	44	1.48	22	277	12	22	315	44	1.48
9	.	.	.	.	.	.	.	7	275	12	7	313	48	1.50	7	275	12	7	313	48	1.50
11	.	.	.	.	.	.	.	1	286	.	1	344	.	1.47	1	286	.	1	344	.	1.47
13	.	.	.	.	.	.	.	1	301	.	1	403	.	1.48	1	301	.	1	403	.	1.48
TOTAL/MEAN	93	145	32	93	52	39	1.45	385	195	50	386	135	104	1.49	479	185	51	480	119	101	1.48

Table 143. Length and weight data, by age, for yellow perch caught by gill nets in Dauphin Lake, fall, 1987.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	6	115	18	6	21	9	1.35	4	105	18	4	17	10	1.36	10	111	18	10	20	9	1.35
2	31	149	14	31	48	13	1.41	38	152	17	38	51	19	1.39	69	151	15	69	49	16	1.40
3	15	165	12	15	67	17	1.46	70	180	15	70	88	23	1.48	85	177	16	85	85	23	1.48
4	6	183	10	6	9[illegible]	25	1.50	42	202	19	42	129	36	1.52	48	200	19	48	125	37	1.52
5	1	200	.	1	113	.	1.41	59	227	15	59	186	44	1.56	60	227	16	60	185	44	1.56
6	1	217	.	1	170	.	1.66	7	263	24	7	281	69	1.52	8	257	27	8	267	75	1.54
7	1	238	.	1	208	.	1.54	27	279	21	27	351	72	1.59	28	278	22	28	346	76	1.59
8	2	251	5	2	214	41	1.36	13	281	13	13	354	49	1.59	15	277	16	15	335	68	1.56
9	.	.	.	.	.	.	.	1	313	.	1	510	.	1.66	1	313	.	1	510	.	1.66
10	.	.	.	.	.	.	.	2	282	3	2	364	24	1.62	2	282	3	2	364	24	1.62
13	.	.	.	.	.	.	.	1	297	.	1	396	.	1.51	1	297	.	1	396	.	1.51
TOTAL/MEAN	63	159	30	63	65	44	1.43	264	208	47	264	160	111	1.51	327	199	48	327	142	108	1.49

Table 144. Length and weight data, by age, for yellow perch caught by gill nets in Dauphin Lake, fall, 1988.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
0	30	66	6	30	4	1	1.15	15	68	5	15	4	1	1.20	45	67	6	45	4	1	1.17
1	65	128	7	66	29	5	1.38	61	132	12	61	32	10	1.35	126	130	10	127	31	8	1.36
2	111	144	11	111	44	12	1.42	123	158	20	123	61	31	1.44	234	151	18	234	53	25	1.43
3	24	171	15	24	76	21	1.48	63	192	22	64	114	39	1.52	88	187	23	89	104	40	1.51
4	14	201	15	14	132	39	1.59	93	221	19	92	176	38	1.57	107	218	20	106	170	41	1.58
5	12	202	17	12	132	35	1.57	45	232	16	45	205	46	1.62	57	225	20	57	189	53	1.61
6	.	.	.	.	.	.	.	21	241	18	21	230	55	1.61	21	241	18	21	230	55	1.61
7	1	228	.	1	187	.	1.58	8	255	10	8	277	37	1.66	9	252	13	9	267	46	1.65
8	2	173	62	2	104	103	1.59	7	262	27	7	305	94	1.64	9	242	51	9	260	126	1.63
9	1	229	.	1	192	.	1.60	7	284	16	7	358	72	1.55	8	277	25	8	337	89	1.56
10	.	.	.	.	.	.	.	1	291	.	1	428	.	1.74	1	291	.	1	428	.	1.74
11	.	.	.	.	.	.	.	1	311	.	1	516	.	1.72	1	311	.	1	516	.	1.72
12	.	.	.	.	.	.	.	1	293	.	1	383	.	1.52	1	293	.	1	383	.	1.52
TOTAL/MEAN	260	140	37	261	49	40	1.40	446	187	49	446	124	91	1.50	707	170	50	708	96	85	1.46

Table 145. Length and weight data, by age, for yellow perch caught by gill nets in Dauphin Lake, fall, 1989.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
0	.	.	.	.	.	.	.	3	63	8	3	3	1	1.19	3	63	8	3	3	1	1.19
1	103	122	11	103	25	7	1.37	96	123	13	96	25	8	1.32	199	122	12	199	25	7	1.35
2	101	160	11	101	61	14	1.45	135	172	12	135	73	17	1.42	237	167	13	237	68	17	1.43
3	43	177	13	43	84	20	1.50	124	204	15	124	129	29	1.49	167	197	19	167	118	33	1.49
4	11	194	12	11	114	21	1.55	56	217	14	56	152	28	1.47	67	214	16	67	146	30	1.48
5	5	221	16	5	162	25	1.51	23	238	13	23	207	38	1.52	28	235	15	28	199	40	1.51
6	9	216	7	9	153	15	1.52	63	242	12	63	217	40	1.53	72	238	15	72	209	43	1.53
7	2	240	30	2	212	57	1.54	18	256	15	18	260	44	1.54	20	254	16	20	256	46	1.54
8	1	226	.	1	171	.	1.48	1	228	.	1	194	.	1.64	2	227	1	2	183	16	1.56
TOTAL/MEAN	275	154	31	275	60	39	1.44	519	189	44	519	116	73	1.44	795	177	43	795	96	69	1.44

Table 146. Length and weight data, by age, for cisco caught by gill nets in Dauphin Lake, summer, 1984.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	25	128	3	25	24	3	1.17	21	128	4	21	23	3	1.12	99	127	4	99	23	4	1.14
2	108	170	10	108	65	13	1.31	108	167	13	107	62	14	1.32	231	168	12	230	63	14	1.31
3	19	191	23	19	100	42	1.36	16	177	18	16	82	32	1.42	39	183	21	39	88	37	1.38
4	23	248	8	23	244	28	1.60	26	251	17	26	255	68	1.58	49	250	13	49	250	53	1.59
5	41	260	10	41	283	38	1.60	38	266	10	38	301	40	1.60	79	263	10	79	292	40	1.60
6	6	274	11	6	341	41	1.66	10	273	15	10	334	54	1.64	16	273	13	16	337	48	1.65
7	5	281	13	5	332	70	1.48	6	276	9	6	351	39	1.66	11	278	11	11	342	53	1.58
8	7	281	12	7	347	63	1.55	.	.	.	.	.	.	.	7	281	12	7	347	63	1.55
TOTAL/MEAN	234	199	50	234	140	113	1.40	225	198	51	224	143	120	1.41	531	190	52	530	126	115	1.37

Table 147. Length and weight data, by age, for cisco caught by gill nets in Dauphin Lake, fall, 1984.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	170	136	6	170	29	5	1.16	195	137	7	195	30	5	1.15	365	137	7	365	30	5	1.15
2	51	173	19	51	71	26	1.29	54	183	11	54	85	19	1.36	105	178	16	105	78	23	1.33
3	31	201	13	31	118	28	1.42	16	204	15	16	128	37	1.47	47	202	14	47	121	31	1.44
4	51	257	24	51	277	76	1.58	33	262	19	33	298	68	1.62	84	259	22	84	285	74	1.59
5	40	271	16	40	320	67	1.59	46	262	15	46	296	57	1.62	86	266	16	86	307	63	1.61
6	23	262	23	23	284	82	1.55	23	261	14	23	291	46	1.62	46	262	19	46	288	66	1.58
7	14	272	8	14	308	32	1.54	2	286	4	2	411	22	1.76	16	273	9	16	321	46	1.56
8	1	302	.	1	412	.	1.50	.	.	.	.	.	.	.	1	302	.	1	412	.	1.50
10	2	275	7	2	370	23	1.78	.	.	.	.	.	.	.	2	275	7	2	370	23	1.78
TOTAL/MEAN	383	190	59	383	134	129	1.34	369	182	55	369	117	121	1.33	752	186	57	752	126	125	1.33

Table 148. Length and weight data, by age, for cisco caught by gill nets in Dauphin Lake, spring, 1985.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
2	119	158	8	119	52	9	1.30	94	159	7	94	53	8	1.31	214	158	8	214	52	9	1.30
3	40	196	18	40	107	31	1.38	36	200	14	36	113	23	1.39	76	198	17	76	110	27	1.38
4	4	228	36	4	185	85	1.46	8	223	25	8	168	60	1.47	12	225	27	12	174	66	1.46
5	9	248	23	9	229	58	1.47	7	254	22	7	235	61	1.40	16	251	22	16	232	57	1.44
6	28	274	14	28	298	49	1.45	14	266	21	14	278	70	1.45	42	271	17	42	291	57	1.45
7	6	280	9	6	327	35	1.49	5	264	19	5	273	79	1.46	11	272	16	11	302	62	1.48
8	1	275	.	1	272	.	1.31	.	.	.	.	.	.	.	1	275	.	1	272	.	1.31
10	1	308	.	1	426	.	1.46	.	.	.	.	.	.	.	1	308	.	1	426	.	1.46
TOTAL/MEAN	208	191	47	208	117	101	1.35	164	187	40	164	105	83	1.35	373	189	44	373	112	94	1.35

Table 149. Length and weight data, by age, for cisco caught by gill nets in Dauphin Lake, summer, 1985.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	5	126	2	5	24	3	1.22	.	.	.	.	.	.	.	5	126	2	5	24	3	1.22
2	68	166	9	68	59	11	1.28	48	167	10	48	60	12	1.27	116	166	10	116	59	11	1.28
3	64	209	10	64	126	19	1.37	62	208	11	62	126	20	1.38	132	209	11	132	127	19	1.38
4	3	235	16	3	180	44	1.37	3	249	10	3	206	38	1.33	8	241	12	8	192	38	1.36
5	3	265	9	3	255	25	1.37	7	266	10	7	283	35	1.50	11	263	12	11	265	46	1.44
6	22	275	9	22	303	37	1.45	29	270	13	29	290	53	1.46	52	272	11	52	295	47	1.45
7	13	279	19	13	310	73	1.40	15	273	12	15	299	43	1.46	28	276	15	28	304	58	1.44
8	1	265	.	1	286	.	1.54	2	269	9	2	261	54	1.34	3	267	7	3	269	41	1.40
TOTAL/MEAN	179	205	45	179	137	97	1.35	166	217	43	166	161	99	1.37	355	211	43	355	149	97	1.36

Table 150. Length and weight data, by age, for cisco caught by gill nets in Dauphin Lake, fall, 1985.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	8	131	4	8	28	4	1.23	13	132	5	13	29	3	1.25	22	131	5	22	28	3	1.25
2	32	180	15	32	79	21	1.33	29	180	13	29	79	20	1.34	61	180	14	61	79	20	1.33
3	60	213	15	60	141	30	1.44	44	214	12	44	144	23	1.47	104	213	14	104	142	27	1.45
4	2	240	6	2	210	16	1.52	5	231	34	5	186	103	1.42	7	233	28	7	193	85	1.45
5	5	261	11	5	269	37	1.50	2	276	9	2	344	22	1.64	7	265	12	7	290	48	1.54
6	20	271	15	20	300	50	1.50	17	261	14	17	275	48	1.53	37	266	15	37	288	50	1.51
7	20	276	13	20	319	44	1.51	5	280	13	5	354	64	1.60	25	277	13	25	326	50	1.53
8	1	274	.	1	275	.	1.34	1	261	.	1	275	.	1.55	2	268	9	2	275	0	1.44
9	.	.	.	.	.	.	.	1	297	.	1	372	.	1.42	1	297	.	1	372	.	1.42
10	.	.	.	.	.	.	.	1	289	.	1	362	.	1.50	1	289	.	1	362	.	1.50
TOTAL/MEAN	148	220	43	148	173	100	1.42	118	210	44	118	153	98	1.43	267	215	44	267	164	100	1.42

Table 151. Length and weight data, by age, for cisco caught by gill nets in Dauphin Lake, spring, 1986.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
2	21	150	8	21	43	9	1.28	16	152	10	16	48	11	1.35	37	151	9	37	45	10	1.31
3	29	200	10	29	112	19	1.39	36	193	9	35	102	17	1.40	66	196	10	65	106	18	1.40
4	55	223	15	55	157	35	1.40	34	223	12	34	154	29	1.37	89	223	14	89	156	33	1.39
5	1	223	.	1	163	.	1.47	1	268	.	1	269	.	1.40	2	246	32	2	216	75	1.43
6	3	281	19	3	304	46	1.36	1	268	.	1	253	.	1.31	4	278	17	4	291	45	1.35
7	9	269	14	9	262	47	1.33	9	284	9	9	305	53	1.32	18	277	14	18	283	53	1.32
8	4	283	13	4	314	37	1.39	3	283	28	3	293	93	1.26	7	283	18	7	305	61	1.33
TOTAL/MEAN	122	212	38	122	143	75	1.37	100	209	40	99	139	79	1.37	223	210	39	222	141	77	1.37

Table 152. Length and weight data, by age, for cisco caught by gill nets in Dauphin Lake, summer, 1986.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	32	125	5	32	27	4	1.36	6	125	4	6	26	3	1.33	39	125	5	39	27	3	1.35
2	17	156	11	17	53	11	1.37	13	161	9	13	57	9	1.37	30	158	10	30	55	10	1.37
3	47	201	10	47	117	19	1.42	48	203	12	48	120	19	1.44	95	202	11	95	118	19	1.43
4	45	221	12	45	155	26	1.42	48	222	15	48	157	32	1.43	93	221	13	93	156	29	1.43
5	3	250	23	3	214	75	1.33	1	252	.	1	213	.	1.33	4	251	19	4	214	61	1.33
6	2	274	13	2	250	83	1.20	2	266	1	2	250	5	1.33	4	270	9	4	250	48	1.26
7	12	274	12	12	288	33	1.40	10	276	17	10	282	65	1.32	22	275	14	22	285	49	1.36
8	4	275	16	4	264	16	1.28	6	285	15	6	307	61	1.31	10	281	15	10	290	52	1.30
TOTAL/MEAN	162	196	47	162	123	78	1.39	134	212	38	134	146	73	1.41	297	203	44	297	133	77	1.40

Table 153. Length and weight data, by age, for cisco caught by gill nets in Dauphin Lake, fall, 1986.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	23	149	8	23	45	9	1.36	15	150	10	15	48	9	1.40	39	149	8	39	46	9	1.38
2	7	189	17	7	97	31	1.40	4	191	10	4	104	21	1.47	11	190	14	11	100	27	1.43
3	56	217	10	56	158	22	1.52	47	216	10	47	160	27	1.57	103	217	10	103	159	24	1.55
4	49	235	11	49	205	29	1.58	55	231	13	55	204	37	1.64	104	233	12	104	205	33	1.61
5	2	254	13	2	253	59	1.54	3	267	25	3	317	89	1.64	5	261	20	5	291	78	1.60
6	2	252	16	2	247	63	1.52	6	265	16	6	309	76	1.63	8	262	16	8	293	74	1.60
7	20	279	13	20	328	45	1.51	12	268	7	12	312	36	1.62	33	276	14	33	325	45	1.54
8	6	274	19	6	323	64	1.55	6	290	20	6	416	93	1.69	12	282	20	12	370	90	1.62
9	1	291	.	1	314	.	1.27	.	.	.	.	.	.	.	1	291	.	1	314	.	1.27
TOTAL/MEAN	166	223	39	166	183	88	1.51	148	224	35	148	195	91	1.59	316	223	37	316	189	90	1.55

Table 154. Length and weight data, by age, for cisco caught by gill nets in Dauphin Lake, spring, 1987.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	96	135	7	96	31	5	1.25	61	135	11	61	32	10	1.27	158	135	9	158	31	7	1.26
2	5	171	8	5	69	12	1.36	8	169	7	8	69	6	1.43	13	170	7	13	69	8	1.41
3	3	212	15	3	142	36	1.47	11	213	8	11	139	18	1.42	14	213	9	14	139	21	1.43
4	22	225	12	22	171	30	1.48	23	233	9	23	187	27	1.47	45	229	11	45	179	29	1.48
5	16	247	10	16	227	34	1.50	27	236	16	27	198	42	1.49	44	240	15	44	208	41	1.49
6	3	259	30	3	240	81	1.34	2	269	47	2	257	130	1.26	5	263	32	5	247	87	1.31
7	3	274	14	3	289	52	1.39	.	.	.	.	.	.	.	3	274	14	3	289	52	1.39
8	13	287	14	13	337	53	1.42	5	283	7	5	325	25	1.44	18	286	12	18	334	47	1.43
9	2	276	18	2	302	30	1.44	1	273	.	1	221	.	1.09	3	275	13	3	275	51	1.32
TOTAL/MEAN	163	179	58	163	108	108	1.33	136	188	52	138	116	90	1.37	303	183	56	303	112	100	1.35

Table 155. Length and weight data, by age, for cisco caught by gill nets in Dauphin Lake, summer, 1987.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	88	139	13	88	38	17	1.36	82	137	7	82	36	7	1.36	172	138	11	172	37	13	1.36
2	9	179	10	9	84	17	1.45	9	183	11	9	95	22	1.51	18	181	11	18	90	20	1.48
3	5	218	15	5	152	29	1.45	5	208	8	5	136	19	1.51	10	213	12	10	144	24	1.48
4	19	232	12	19	187	32	1.49	26	238	11	26	206	29	1.52	45	235	12	45	198	31	1.51
5	18	238	19	18	211	57	1.53	14	243	14	14	206	38	1.43	32	240	17	32	209	49	1.49
7	4	269	5	4	292	15	1.51	.	.	.	.	.	.	.	4	269	5	4	292	15	1.51
8	7	280	14	7	328	46	1.49	5	277	20	5	306	90	1.42	12	279	16	12	319	65	1.46
9	2	286	8	2	306	28	1.30	4	285	6	4	310	33	1.34	7	291	14	7	328	58	1.33
TOTAL/MEAN	152	179	53	152	107	97	1.41	145	180	53	145	107	94	1.41	300	180	53	300	107	97	1.41

Table 156. Length and weight data, by age, for cisco caught by gill nets in Dauphin Lake, fall, 1987.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
0	1	116	.	1	21	.	1.35	1	130	.	1	31	.	1.41	2	123	10	2	26	7	1.38
1	61	170	13	61	71	19	1.41	59	167	13	59	68	19	1.40	120	169	13	120	69	19	1.40
2	15	213	16	15	149	38	1.52	14	218	11	14	162	29	1.54	29	215	14	29	155	34	1.53
3	7	237	11	7	216	29	1.61	8	238	15	8	229	37	1.70	15	238	13	15	223	33	1.66
4	29	252	12	29	264	43	1.63	32	252	14	32	283	57	1.75	61	252	13	61	274	51	1.69
5	32	263	14	32	311	58	1.70	38	253	15	38	291	57	1.79	70	257	15	70	300	58	1.75
6	2	282	23	2	364	75	1.62	12	266	20	12	350	77	1.83	14	268	20	14	352	74	1.80
7	1	271	.	1	367	.	1.84	3	285	14	3	419	29	1.81	4	282	13	4	406	35	1.82
8	9	286	16	9	401	75	1.69	7	294	14	7	435	65	1.70	16	290	15	16	415	70	1.69
9	3	298	25	3	458	122	1.71	1	295	.	1	407	.	1.59	4	297	21	4	446	103	1.68
TOTAL/MEAN	160	221	47	160	199	126	1.55	175	223	45	175	212	127	1.62	335	222	46	335	206	126	1.59

Table 157. Length and weight data, by age, for cisco caught by gill nets in Dauphin Lake, fall, 1988.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	54	157	8	54	52	10	1.33	45	161	10	45	56	11	1.33	99	158	9	99	54	10	1.33
2	64	209	14	64	139	30	1.50	50	215	10	50	151	25	1.50	114	212	13	114	145	28	1.50
3	10	234	13	10	205	36	1.58	12	238	21	12	226	70	1.62	22	236	18	22	216	57	1.60
4	5	245	9	5	219	39	1.48	2	238	24	2	217	87	1.56	7	243	13	7	218	48	1.50
5	23	262	18	23	290	59	1.60	9	264	15	9	294	51	1.59	32	262	17	32	291	56	1.59
6	12	259	10	12	273	30	1.56	6	252	12	6	223	52	1.39	18	257	11	18	256	44	1.50
7	2	262	1	2	299	25	1.66	.	.	.	.	.	.	.	2	262	1	2	299	25	1.66
9	1	276	.	1	262	.	1.25	1	300	.	1	439	.	1.63	2	288	17	2	351	125	1.44
11	2	301	13	2	398	11	1.47	.	.	.	.	.	.	.	2	301	13	2	398	11	1.47
TOTAL/MEAN	173	208	42	173	153	95	1.47	125	204	38	125	141	85	1.45	298	206	41	298	148	91	1.46

Table 158. Length and weight data, by age, for cisco caught by gill nets in Dauphin Lake, fall, 1989.

AGE (years +)	MALES							FEMALES							COMBINED						
	LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)				LENGTH (mm)			WEIGHT (g)			
	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K	N	MEAN	SD	N	MEAN	SD	K
1	30	140	7	30	36	6	1.31	15	142	9	15	37	6	1.29	45	140	8	45	36	6	1.30
2	58	203	11	58	127	21	1.49	59	202	13	59	126	24	1.50	117	203	12	117	126	22	1.50
3	56	236	13	56	206	39	1.54	49	236	11	49	213	36	1.60	105	236	12	105	209	37	1.57
4	8	264	24	8	284	67	1.54	4	245	13	4	235	47	1.58	12	257	22	12	268	63	1.55
5	2	263	4	2	276	16	1.53	.	.	.	.	.	.	.	2	263	4	2	276	16	1.53
6	9	267	16	9	277	69	1.44	6	271	15	6	310	66	1.55	15	269	15	15	291	68	1.48
7	2	285	2	2	309	67	1.34	1	287	.	1	332	.	1.40	3	285	2	3	316	49	1.36
8	1	273	.	1	270	.	1.33	.	.	.	.	.	.	.	1	273	.	1	270	.	1.33
10	2	316	1	2	501	35	1.59	.	.	.	.	.	.	.	2	316	1	2	501	35	1.59
TOTAL/MEAN	168	213	43	168	162	91	1.47	134	213	34	134	161	75	1.52	302	213	39	302	161	84	1.49

Table 159. Length-weight relationships, $\log_{10}W = a + b(\log_{10}L)$, for walleye caught by gill nets in Dauphin Lake, 1984-1989.

Year	Season	Sex	n	Y-intercept (a)	Slope (b)	r^2
1984	Summer	M	57	-5.0388	3.0541	0.9680
		F	80	-5.5384	3.2458	0.9917
		Combined	157	-5.6102	3.2716	0.9953
	Fall	M	20	-5.7555	3.3370	0.9932
		F	44	-5.4667	3.2229	0.9959
		Combined	64	-5.5451	3.2547	0.9957
1985	Spring	M	37	-5.1862	3.0988	0.9949
		F	39	-5.2332	3.1208	0.9936
		Combined	76	-5.2489	3.1254	0.9949
	Summer	M	66	-5.5129	3.2278	0.9908
		F	79	-5.5143	3.2274	0.9932
		Combined	146	-5.5189	3.2296	0.9929
	Fall	M	16	-5.1002	3.0770	0.9547
		F	14	-5.8408	3.3643	0.9932
		Combined	30	-5.5856	3.2677	0.9899
1986	Spring	M	32	-5.2898	3.1324	0.9656
		F	49	-5.2793	3.1321	0.9896
		Combined	81	-5.3241	3.1481	0.9842
	Summer	M	73	-5.4904	3.2112	0.9973
		F	90	-5.5439	3.2294	0.9963
		Combined	170	-5.4815	3.2061	0.9974
	Fall	M	96	-5.5226	3.2352	0.9907
		F	74	-5.6085	3.2681	0.9834
		Combined	170	-5.5563	3.2481	0.9878
1987	Spring	M	73	-5.5451	3.2360	0.9863
		F	95	-5.4490	3.2017	0.9930
		Combined	169	-5.4729	3.2097	0.9910
	Summer	M	79	-5.7061	3.2963	0.9919
		F	119	-5.6509	3.2747	0.9922
		Combined	198	-5.6682	3.2815	0.9921
	Fall	M	119	-5.6248	3.2776	0.9925
		F	117	-5.8259	3.3525	0.9860
		Combined	237	-5.6887	3.3013	0.9900
1988	Fall	M	85	-5.5347	3.2502	0.9970
		F	71	-5.6424	3.2927	0.9946
		Combined	156	-5.5764	3.2669	0.9962
1989	Fall	M	86	-5.8279	3.3588	0.9907
		F	49	-5.6451	3.2883	0.9898
		Combined	135	-5.7422	3.3256	0.9906

Table 160. Length-weight relationships, $\log_{10}W = a + b(\log_{10}L)$, for northern pike caught by gill nets in Dauphin Lake, 1984-1989.

Year	Season	Sex	n	Y-intercept (a)	Slope (b)	r^2
1984	Summer	M	118	-5.1327	3.0027	0.9785
		F	123	-4.9032	2.9117	0.9765
		Combined	283	-4.8777	2.9046	0.9846
	Fall	M	147	-5.4246	3.1014	0.9851
		F	180	-5.2258	3.0194	0.9818
		Combined	327	-5.2450	3.0298	0.9825
1985	Spring	M	162	-4.7537	2.8504	0.9544
		F	187	-4.8313	2.8685	0.9593
		Combined	349	-4.6495	2.8064	0.9543
	Summer	M	115	-5.1735	3.0048	0.9899
		F	148	-4.7892	2.8552	0.9666
		Combined	263	-4.9887	2.9318	0.9808
	Fall	M	145	-5.2300	3.0250	0.9791
		F	194	-5.2337	3.0164	0.9740
		Combined	339	-5.0984	2.9706	0.9739
1986	Spring	M	70	-4.7498	2.8364	0.9841
		F	143	-4.6212	2.7780	0.9634
		Combined	213	-4.5407	2.7514	0.9700
	Summer	M	67	-4.4464	2.7195	0.9842
		F	88	-4.7827	2.8399	0.9730
		Combined	155	-4.5725	2.7640	0.9779
	Fall	M	92	-4.9783	2.9287	0.9853
		F	98	-5.1097	2.9721	0.9697
		Combined	190	-4.9943	2.9320	0.9784
1987	Spring	M	94	-4.9628	2.9190	0.9862
		F	99	-4.6811	2.8038	0.9683
		Combined	193	-4.7492	2.8332	0.9780
	Summer	M	70	-5.2076	3.0126	0.9814
		F	90	-4.9355	2.9018	0.9638
		Combined	160	-4.9716	2.9188	0.9719
	Fall	M	81	-5.3437	3.0633	0.9861
		F	118	-5.1304	2.9753	0.9661
		Combined	199	-5.1015	2.9674	0.9750
1988	Fall	M	138	-5.2420	3.0369	0.9876
		F	152	-5.1397	2.9910	0.9780
		Combined	291	-5.0652	2.9669	0.9843
1989	Fall	M	89	-5.5731	3.1598	0.9824
		F	80	-5.3909	3.0859	0.9812
		Combined	172	-5.3328	3.0677	0.9838

Table 161. Length-weight relationships, $\log_{10}W = a + b(\log_{10}L)$, for white sucker caught by gill nets in Dauphin Lake, 1984-1989.

Year	Season	Sex	n	Y-intercept (a)	Slope (b)	r^2
1984	Summer	M	100	-4.2391	2.7809	0.8805
		F	106	-3.9221	2.6589	0.9135
		Combined	234	-4.6261	2.9315	0.9646
	Fall	M	40	-5.2906	3.1864	0.9914
		F	43	-5.3209	3.2008	0.9926
		Combined	86	-5.4128	3.2348	0.9936
1985	Spring	M	84	-4.9997	3.0674	0.9856
		F	91	-5.0476	3.0882	0.9800
		Combined	175	-5.0396	3.0841	0.9833
	Summer	M	43	-5.0919	3.0974	0.9714
		F	55	-5.2138	3.1451	0.9925
		Combined	98	-5.1943	3.1375	0.9891
	Fall	M	39	-5.2979	3.1856	0.9396
		F	28	-5.2705	3.1742	0.9702
		Combined	67	-5.2617	3.1713	0.9607
1986	Spring	M	151	-4.5879	2.8965	0.9734
		F	138	-4.3602	2.8099	0.9651
		Combined	289	-4.4942	2.8608	0.9701
	Summer	M	108	-5.0009	3.0649	0.9623
		F	79	-4.5569	2.8896	0.9777
		Combined	188	-4.7710	2.9739	0.9734
	Fall	M	106	-4.5309	2.8876	0.8987
		F	82	-4.6265	2.9265	0.9118
		Combined	191	-4.9262	3.0405	0.9560
1987	Spring	M	127	-4.4997	2.8666	0.9676
		F	118	-4.4228	2.8397	0.9560
		Combined	245	-4.4997	2.8679	0.9638
	Summer	M	102	-3.8963	2.6228	0.9109
		F	113	-3.7728	2.5752	0.8693
		Combined	215	-3.8386	2.6005	0.8958
	Fall	M	156	-4.8308	3.0033	0.9604
		F	106	-4.7643	2.9753	0.9463
		Combined	262	-4.7706	2.9791	0.9568
1988	Fall	M	73	-5.1178	3.1137	0.9906
		F	77	-5.2721	3.1796	0.9954
		Combined	150	-5.2117	3.1534	0.9928
1989	Fall	M	70	-5.0239	3.0831	0.9908
		F	38	-5.0569	3.1001	0.9651
		Combined	108	-5.0593	3.0984	0.9871

Table 162. Length-weight relationships, $\log_{10}W = a + b(\log_{10}L)$, for shorthead redhorse caught by gill nets in Dauphin Lake, 1984-1989.

Year	Season	Sex	n	Y-intercept (a)	Slope (b)	r^2
1984	Summer	M	28	-4.9301	3.0511	0.9790
		F	29	-5.2968	3.2008	0.9873
		Combined	84	-5.0968	3.1219	0.9867
	Fall	M	4	-4.7063	2.9382	0.9856
		F	3	-5.1886	3.1566	0.9284
		Combined	7	-5.0711	3.1073	0.9968
1985	Spring	M	30	-5.2201	3.1541	0.9917
		F	60	-5.5531	3.2887	0.9788
		Combined	90	-5.4134	3.2230	0.9848
	Summer	M	90	-5.1376	3.1213	0.9976
		F	81	-5.2029	3.1530	0.9960
		Combined	182	-5.2517	3.1697	0.9964
	Fall	M	6	-3.6605	2.4510	0.8550
		F	9	-5.4466	3.2564	0.9972
		Combined	15	-5.3231	3.2076	0.9974
1986	Spring	M	48	-5.3726	3.2041	0.9928
		F	65	-5.3332	3.1936	0.9932
		Combined	115	-5.4427	3.2351	0.9937
	Summer	M	56	-5.0575	3.0968	0.9940
		F	87	-5.2917	3.1878	0.9947
		Combined	144	-5.1940	3.1499	0.9945
	Fall	M	28	-5.2359	3.1758	0.9881
		F	35	-5.7968	3.3964	0.9840
		Combined	66	-5.3133	3.2062	0.9922
1987	Spring	M	22	-5.0706	3.0959	0.9944
		F	20	-4.8432	3.0070	0.9895
		Combined	43	-5.0152	3.0742	0.9933
	Summer	M	52	-4.8472	3.0073	0.9862
		F	50	-4.8930	3.0237	0.9892
		Combined	105	-4.9687	3.0550	0.9864
	Fall	M	37	-5.3542	3.2229	0.9608
		F	36	-5.6204	3.3270	0.9818
		Combined	73	-5.4877	3.2755	0.9768
1988	Fall	M	36	-5.3348	3.2156	0.9961
		F	26	-5.3104	3.2049	0.9975
		Combined	63	-5.3133	3.2065	0.9968
1989	Fall	M	75	-5.2606	3.1882	0.9965
		F	88	-5.2533	3.1842	0.9947
		Combined	163	-5.2536	3.1848	0.9956

Table 163. Length-weight relationships, $\log_{10}W = a + b(\log_{10}L)$, for yellow perch caught by gill nets in Dauphin Lake, 1984-1989.

Year	Season	Sex	n	Y-intercept (a)	Slope (b)	r^2
1984	Summer	M	102	-5.4358	3.2740	0.9757
		F	528	-5.5814	3.3392	0.9880
		Combined	679	-5.4792	3.2954	0.9880
	Fall	M	77	-5.6671	3.3626	0.9897
		F	237	-5.5987	3.3283	0.9940
		Combined	314	-5.5928	3.3264	0.9941
1985	Spring	M	60	-5.1715	3.1235	0.9871
		F	383	-5.3327	3.1998	0.9942
		Combined	443	-5.3219	3.1947	0.9936
	Summer	M	109	-5.3010	3.1963	0.9946
		F	360	-5.2791	3.1918	0.9941
		Combined	469	-5.3095	3.2040	0.9948
	Fall	M	36	-5.4253	3.2622	0.9962
		F	187	-5.2981	3.1998	0.9946
		Combined	223	-5.2999	3.2012	0.9951
1986	Spring	M	79	-5.2583	3.1634	0.9937
		F	337	-5.0760	3.0881	0.9931
		Combined	416	-5.1357	3.1129	0.9935
	Summer	M	78	-4.9217	3.0239	0.9914
		F	384	-5.1885	3.1475	0.9933
		Combined	465	-5.1487	3.1298	0.9935
	Fall	M	29	-5.2614	3.1986	0.9886
		F	222	-5.2098	3.1655	0.9946
		Combined	252	-5.1852	3.1554	0.9948
1987	Spring	M	67	-5.1522	3.1203	0.9911
		F	452	-5.2347	3.1645	0.9933
		Combined	520	-5.2498	3.1702	0.9931
	Summer	M	95	-5.3350	3.2291	0.9877
		F	386	-4.9800	3.0671	0.9909
		Combined	482	-5.0550	3.0998	0.9917
	Fall	M	63	-5.0681	3.1010	0.9844
		F	266	-5.2579	3.1887	0.9914
		Combined	329	-5.2463	3.1834	0.9921
1988	Fall	M	262	-5.4579	3.2829	0.9930
		F	452	-5.4237	3.2644	0.9944
		Combined	715	-5.4182	3.2628	0.9949
1989	Fall	M	275	-5.2567	3.1896	0.9886
		F	520	-5.3073	3.2056	0.9942
		Combined	796	-5.2394	3.1777	0.9933

Table 164. Length-weight relationships, $\log_{10}W = a + b(\log_{10}L)$, for cisco caught by gill nets in Dauphin Lake, 1984-1989.

Year	Season	Sex	n	Y-intercept (a)	Slope (b)	r^2
1984	Summer	M	234	-5.8285	3.4244	0.9839
		F	225	-5.8241	3.4242	0.9877
		Combined	532	-5.8539	3.4358	0.9856
	Fall	M	383	-5.9028	3.4530	0.9925
		F	370	-6.0422	3.5169	0.9927
		Combined	753	-5.9657	3.4818	0.9925
1985	Spring	M	209	-5.3581	3.2150	0.9919
		F	165	-5.3226	3.2001	0.9878
		Combined	375	-5.3444	3.2094	0.9904
	Summer	M	181	-5.3504	3.2078	0.9904
		F	166	-5.4563	3.2544	0.9855
		Combined	357	-5.3946	3.2273	0.9880
	Fall	M	148	-5.4211	3.2456	0.9890
		F	119	-5.5319	3.2957	0.9875
		Combined	268	-5.4586	3.2628	0.9885
1986	Spring	M	122	-5.1295	3.1143	0.9844
		F	99	-4.8194	2.9803	0.9822
		Combined	222	-4.9785	3.0493	0.9825
	Summer	M	208	-4.9608	3.0449	0.9920
		F	161	-4.7965	2.9765	0.9851
		Combined	370	-4.9382	3.0360	0.9901
	Fall	M	188	-5.2774	3.1944	0.9871
		F	169	-5.4839	3.2903	0.9808
		Combined	361	-5.3573	3.2322	0.9832
1987	Spring	M	280	-5.3768	3.2244	0.9950
		F	217	-5.2944	3.1892	0.9911
		Combined	500	-5.3439	3.2103	0.9935
	Summer	M	390	-5.2030	3.1557	0.9900
		F	304	-5.1994	3.1533	0.9902
		Combined	707	-5.2080	3.1573	0.9900
	Fall	M	417	-5.6930	3.3788	0.9910
		F	343	-5.9087	3.4771	0.9885
		Combined	761	-5.7823	3.4197	0.9893
1988	Fall	M	407	-5.5740	3.3183	0.9893
		F	300	-5.5658	3.3150	0.9849
		Combined	708	-5.5579	3.3113	0.9869
1989	Fall	M	227	-5.3975	3.2425	0.9872
		F	191	-5.6595	3.3614	0.9814
		Combined	418	-5.4938	3.2867	0.9840